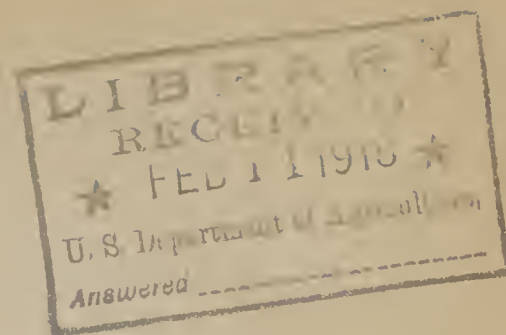


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Do not assume content reflects current scientific knowledge, policies, or practices.

UNITED STATES DEPARTMENT OF AGRICULTURE,
STATES RELATIONS SERVICE,
A. C. TRUE, Director.



LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING JANUARY, 1918.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Variety Study of the Irish Potato. By W. H. Wicks. (Arkansas Sta. Bul. 137, pp. 33, figs. 24.)

Commercial Fertilizers. By P. L. Hibbard. (California Sta. Bul. 286, pp. 117-166.)

Improvements in Methods of Pickling Olives. By F. T. Bioletti and W. V. Cruess. (California Sta. Bul. 289, pp. 195-200, figs. 4.)

A Flock of Sheep on the Farm. By R. F. Miller. (California Sta. Circ. 184, pp. 7.)

Beekeeping for the Fruit-grower and Small Rancher or Amateur. By G. A. Coleman. (California Sta. Circ. 185, pp. 11, figs. 8.)

Utilizing the Sorghums. By T. F. Hunt. (California Sta. Circ. 187, pp. 7.)

Lambing Sheds. By R. F. Miller and G. E. Fernery. (California Sta. Circ. 188, pp. 16, figs. 13.)

Economy in Feeding the Family.--I, Some Essential Facts Regarding Nutrition. By J. P. Street and E. H. Jenkins. (Connecticut State Sta. Bul. 196, pp. 15.)

Economy in Feeding the Family.--II, The Cereal Breakfast Foods. By J. P. Street. (Connecticut State Sta. Bul. 197, pp. 17-43, figs. 4.)

Domestic Supplies of Potash. By E. H. Jenkins. (Connecticut State Sta. Bul. 198, pp. 45-52.)

Digestion Experiments with Pigs, With Special Reference to the Influence of One Feed upon Another and to the Individuality of Pigs. By H. S. Grindley, W. J. Carmichael, and C. I. Newlin. (Illinois Sta. Bul. 200, Abs., pp. 4.)

Essentials in the Selection of Beef. By W. C. Coffey and E. K. Augustus. (Illinois Sta. Circ. 206, pp. 16, figs. 17.)

The Serum Treatment of Hog Cholera. By R. Graham. (Illinois Sta. Circ. 207, pp. 11, figs. 3.)

- Ten Wheat Fields in "Egypt"--A Story in Figures. By C. G. Hopkins, J. E. Whitchurch, and H. F. T. Fahrnkopf. (Illinois Sta. Circ. 208, pp. 2.)
- Shall I Plant a Garden this Year? By J. W. Lloyd. (Illinois Sta. Circ. 209, pp. 4, figs. 2.)
- Experimental Studies in Hog Cholera. By R. A. Craig and R. A. Whiting. (Indiana Sta. Bul. 204, pp. 3-12, fig. 1.)
- Cattle Feeding.--XIII, Winter Steer Feeding, 1916-17. By J. H. Skinner and F. G. King. (Indiana Sta. Bul. 206, pop. ed., pp. 8.)
- Indiana Feeding Stuffs Control. By E. G. Proulx. (Indiana Sta. Circ. 72, pp. 6.)
- The Box Elder Aphid, Chaitophorus negundinis. By R. L. Webster. (Iowa Sta. Bul. 173, pp. 94-121, figs. 12.)
- The Soft Corn Problem. By J. M. Evvard. (Iowa Sta. Circ. 40, pp. 8.)
- Salting Soft Corn. By H. D. Hughes. (Iowa Sta. Circ. 41, pp. 7.)
- A Study of the Etiology of Roup in Birds. By J. G. Jackley. (Kansas Sta. Tech. Bul. 4, pp. 3-23.)
- Feeding Work Horses. By C. W. McCampbell. (Kansas Sta. Circ. 62, pp. 16.)
- Director's Report, 1916. (Kansas Sta. Ann. Rpt. 1916, pp. 49.)
- Factors and Methods in the Profitable Production of Sanitary Milk.--I, Practical Means of Controlling Bacterial Infection of Milk; II, Experimental Study of Conditions Affecting the Contamination of Milk. By W. D. Nicholls. (Kentucky Sta. Bul. 206, pp. 44, figs. 28.)
- Sanitary Inspection of Slaughter Houses. By J. O. LaBach and W. H. Simmons. (Kentucky Sta. Bul. 209, pp. 137-167, fig. 1.)
- Important Factors for Successful Farming in the Bluegrass Region of Kentucky. By J. H. Arnold and W. D. Nicholls. (Kentucky Sta. Bul. 210, pp. 170-206, figs. 6.)
- Twenty-eighth Annual Report, 1915. (Kentucky Sta. Ann. Rpt., 1915, pt. 1, pp. IX + 79, pls. 4.)
- Thirtieth Annual Report, 1917. (Maryland Sta. Ann. Rpt., 1917, pp. XXVIII + 347, figs. 49.)
- The Composition, Digestibility, and Feeding Value of Pumpkins. By J. B. Lindsey. (Massachusetts Sta. Bul. 174, pp. 54-71.)
- Mosaic Disease of Tobacco. By G. H. Chapman. (Massachusetts Sta. Bul. 175, pp. 72-117, pls. 5.)

- The Cause of the Injurious Effect of Sulphate of Ammonia when Used As a Fertilizer. By R. W. Ruprecht and F. W. Morse. (Massachusetts Sta. Bul. 176, pp. 118-134, pl. 1.)
- Potato Plant Lice and Their Control. By W. S. Regan. (Massachusetts Sta. Bul. 177, pp. 134-146.)
- Inspection of Commercial Feedstuffs. By P. H. Smith. (Massachusetts Sta. Control Ser. Bul. 7, pp. 30.)
- Inspection of Commercial Fertilizers. By H. D. Haskins, L. S. Walker, W. A. Allen, and R. S. Scull. (Massachusetts Sta. Control Ser. Bul. 8, pp. 64.)
- Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and A. L. Chandler. (Massachusetts Sta. Met. Bul. 348, pp. 4.)
- Montana Grain Inspection and the Federal Grain Standards for Wheat. By A. Atkinson. (Montana Sta. Circ. 68, pp. 14.)
- Grain Production in Nevada. By C. S. Knight. (Nevada Sta. Bul. 89, pp. 3-34, figs. 16.)
- The Cattleya Fly. By J. B. Moore. (New Jersey Stas. Bul. 308, pp. 3-12, pls. 2.)
- Preliminary Report of the First Year (Pullet Year) of the Vineland International Egg Laying and Breeding Contest. By H. R. Lewis. (New Jersey Stas. Hints to Poultrymen, 6 (1918), No. 4, pp. 4.)
- Twenty-eighth Annual Report, 1917. (New Mexico Sta. Ann. Rpt., 1917, pp. 92, figs. 14.)
- Factors Influencing the Abscission of Flowers and Partially Developed Fruits of the Apple (Pyrus malus). By A. J. Heinicke. (New York Cornell Sta. Bul. 393, pp. 43-114, figs. 8.)
- The Decomposition of Sweet Clover (Melilotus alba) as a Green Manure under Greenhouse Conditions. By L. A. Maynard. (New York Cornell Sta. Bul. 394, pp. 119-149, figs. 3.)
- Other Grains than Wheat in Bread Making, by W. L. Stockham; Milling Value of Barley, by T. Sanderson. (North Dakota Sta. Bul. 123, pp. 97-107, figs. 3.)
- Notes on Parasitic Anaphylaxis and Allergy. By L. Van Es and A. F. Schalk. (North Dakota Sta. Bul. 125, pp. 151-193, pls. 2, fig. 1.)
- Special Bulletin Food Department. (North Dakota Sta. Spec. Food Bul., 4 (1917), No. 17, pp. 411-435.)
- Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo. Bul., 2 (1917), No. 12, pp. 383-419, figs. 4.)

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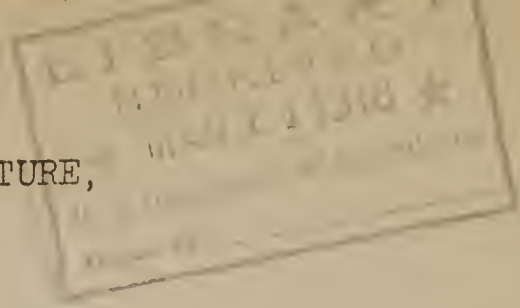
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- Analyses of Commercial Fertilizers (Also Comparisons of Guaranties and Analyses in Case of Each Manufacturer). By P. H. Vessels et al. (Rhode Island Sta. Insp. Bul., 1917, Oct., pp. 3-19.)
- Results of Fertilizing Experiments with Cotton at the Clemson College Station. By T. E. Keitt. (South Carolina Sta. Bul. 191, pp. 3-11.)
- Comparative Tests of Sources of Nitrogen on Coastal Plains Soils. By T. E. Keitt. (South Carolina Sta. Bul. 192, pp. 3-14.)
- Thirtieth Annual Report, 1917. (South Carolina Sta. Ann. Rpt., 1917, pp. 32.)
- Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Sta. Mo. Bul., 5 (1918), No. 10, pp. 141-156.)
- Potato and Tomato Diseases. By N. J. Giddings. (West Virginia Sta. Bul. 165, pp. 24, figs. 21.)
- Certain Characteristics of Hen Eggs. By H. Atwood and C. E. Weakley, Jr. (West Virginia Sta. Bul. 166, pp. 3-35.)
- Feeding for Egg Production--Summary of Experiment Station Work. By H. Atwood. (West Virginia Sta. Circ. 27, pp. 32.)
- Tile Drainage on the Farm. By E. R. Jones and O. R. Zeasman. (Wisconsin Sta. Bul. 284, pp. 32, figs. 22.)
- Marketing Wisconsin Milk. By B. H. Hibbard and H. E. Erdmann. (Wisconsin Sta. Bul. 285, pp. 71, figs. 14.)
- Cattle Feeding.--Oat and Pea Silage for Beef Cows; Oat and Pea Silage for Growing Cattle. By A. D. Faville. (Wyoming Sta. Bul. 117, pp. 55-64.)

1. *Phragmites australis* (Cav.) Trin. ex Steud.

UNITED STATES DEPARTMENT OF AGRICULTURE,
STATES RELATIONS SERVICE,
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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING FEBRUARY, 1918.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

I, Velvet Beans Compared with Cottonseed Meal for Fattening Steers; II, Velvet Beans, Cottonseed Meal, and Corn as Feeds for Dairy Cattle; III, Velvet Bean Pasture Compared with Corn and Dried Blood; Velvet Bean Meal Compared with Corn for Fattening Hogs. By G. S. Templeton, H. C. Ferguson, and E. Gibbens. (Alabama Col. Sta. Bul. 198, pp. 101-122.)

The June Drop of Washington Navel Oranges. By J. E. Coit and R. W. Hodgson. (California Sta. Bul. 290, pp. 203-212, figs. 3.)

The Common Honey Bee as an Agent in Prune Pollination. By A. H. Hendrickson. (California Sta. Bul. 291, pp. 215-236, figs. 13.)

Winter Forage Crops. By P. B. Kennedy. (California Sta. Circ. 189, pp. 11.)

Agriculture Clubs in California. By B. H. Crocheron. (California Sta. Circ. 190, pp. 24, figs. 14.)

Pruning the Seedless Grapes. By F. T. Bioletti. (California Sta. Circ. 191, pp. 12, figs. 10.)

Cotton in the San Joaquin Valley. By J. W. Gilmore. (California Sta. Circ. 192, pp. 8.)

The Relation of Size of Dairy to Economy of Milk Production. By J. A. Hopkins, Jr. (Delaware Sta. Bul. 118, pp. 50, figs. 2.)

The Production of Alfalfa Seed in Southern Idaho. By L. C. Aicher. (Idaho Sta. Bul. 101, pp. 20, figs. 8.)

The Management of Dairy Herds. By E. V. Ellington. (Idaho Sta. Bul. 102, pp. 3-41, fig. 1.)

Kane County Soils. By C. G. Hopkins, J. G. Mosier, E. Van Alstine, and F. W. Garrett. (Illinois Sta. Soil Rpt. 17, pp. 60, pls. 2, figs. 8.)

Farm-skimmed

The Pasteurization of Sour Cream for Butter Making. By O. F. Hunziker, G. Spitzer, H. C. Mills, and H. B. Switzer. (Indiana Sta. Bul. 208, pp. 3-76.)

Stallion Enrollment.--VII, Report of Stallion Enrollment Work for the Year 1917 with Lists of Stallions and Jacks Enrolled. By H. E. McCartney. (Indiana Sta. Circ. 73, pp. 120.)

EXHIBIT A
STATE OF NEW YORK
IN SENATE
JANUARY 1, 1910

REPORT OF THE COMMISSIONERS OF THE LAND OFFICE

IN RESPONSE TO A RESOLUTION PASSED BY THE SENATE

APRIL 1, 1909. ALBANY: J.B. LANE, STATE PRINTER, 1910.

THE COMMISSIONERS OF THE LAND OFFICE, in compliance with a resolution of the Senate, have the honor to submit herewith a report of the progress made during the year 1909 in the execution of the duties assigned to them by the Legislature.

The report is divided into two parts, the first of which contains a general statement of the condition of the public lands, and the second a detailed statement of the work done during the year.

The first part of the report contains a general statement of the condition of the public lands, and the second a detailed statement of the work done during the year.

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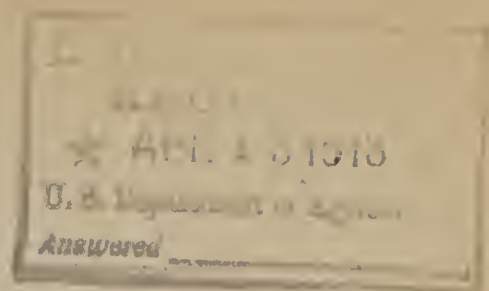
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- Inspection and Sanitation of Dairies. By J. O. LaBach and N. M. Cregor.
(Kentucky Sta. Bul. 211, pp. 211-228.)
- Commercial Feeding Stuffs, 1916-17. By C. D. Woods. (Maine Sta. Off. Insp. 84, pp. 53-120.)
- Meteorological Observations at the Massachusetts Agricultural Experiment Station.
By J. E. Ostrander and A. L. Chandler. (Massachusetts Sta. Met. Bul. 349, pp. 4.)
- Guide to Plats. (Massachusetts Sta. [Pub.], pp. 20, pls. 2, fig. 1.)
- Oats Investigations. By T. A. Kiesselbach and J. A. Ratcliff. (Nebraska Sta. Bul. 160, pp. 4-48, figs. 17.)
- Methods of Controlling Blister Canker. By J. R. Cooper. (Nebraska Sta. Bul. 161, pp. 18, figs. 8.)
- Wintering Mature Brood Sows. By W. P. Snyder. (Nebraska Sta. Bul. 162, pp. 29, fig. 1.)
- Relation of Size of Seed and Sprout Value to the Yield of Small Grain Crops. By T. A. Kiesselbach and C. A. Helm. (Nebraska Sta. Research Bul. 11, pp. 73, figs. 5.)
- From Car Door to Consumer: By H. C. Filley. (Nebraska Sta. Circ. 5, pp. 20, figs. 2.)
- Heredity Studies in the Morning Glory (Ipomoea purpurea). By E. E. Barker.
(New York Cornell Sta. Bul. 392, pp. 3-38, pls. 3.)
- Composite Versus One-day Sampling of Milk for the Babcock Test. By W. H. Eaton.
(North Carolina Sta. Bul. 240, pp. 3-8, figs. 2.)
- Some External Parasites of Poultry. By D. C. Mote. (Ohio Sta. Bul. 320, pp. 137-156, figs. 15.)
- Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo. Bul., 3 (1913), No. 1, pp. 31, figs. 14.)
- The Cnanga or West Indian Mole Cricket. By R. H. Van Zwaluwenburg. (Porto Rico Fed. Sta. Bul. 23, pp. 28, pls. 3.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.
- The Mango in Porto Rico. By C. F. Kinman. (Porto Rico Fed. Sta. Bul. 24, pp. 30, pls. 11.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.
- Annual Report, 1916. (Porto Rico Fed. Sta. Rpt. 1916, pp. 31, pls. 5.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.
- Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash.
(Western Washington Sta. Mo. Bul., 5 (1918), No. 11, pp. 157-172.)

UNITED STATES DEPARTMENT OF AGRICULTURE,
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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING MARCH, 1918.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Sweet Potato Root Borer (Cylas formicarius). By W. E. Hinds. (Alabama Col. Sta. Circ. 37, pp. 8, fig. 1.)

Annual Report of the Director of the Experiment Station on Work Done Under the Local Experiment Law in 1917. By J. F. Duggar. (Alabama Col. Sta. Circ. 38, pp. 7-52.)

Thirtieth Annual Report, 1917. (Alabama Col. Sta. Rpt. 1917, pp. 28.)

How to Combat Rabbits, Gophers, Prairie Dogs, Coyotes, Ants, and Grasshoppers. By A. L. Paschall. (Arizona Sta. Bul. 81, pp. 317-338, figs. 11.)

Johnson Grass Control. By H. C. Heard. (Arizona Sta. Bul. 82, pp. 335-355, pl. 1, figs. 9.)

The Nature of the Inosite Phosphoric Acids of Some Feeding Materials. By J. B. Rather. (Arkansas Sta. Bul. 138, pp. 3-16.)

An Accurate Loss-on-ignition Method for Determination of Organic Matter in Soils. By J. B. Rather. (Arkansas Sta. Bul. 140, pp. 3-16, figs. 4.)

Summary Report on Varieties of Cotton in 1916. By W. E. Ayres. (Arkansas Sta. Circ. 29, pp. 4.)

Green Manure Crops in Southern California. By W. M. Mertz. (California Sta. Bul. 292, pp. 3-31, figs. 7.)

Factors of Importance in Producing Milk of Low Bacterial Count. By C. L. Roadhouse. (California Sta. Circ. 179, pp. 11, figs. 6.)

A Study of Farm Labor in California. By R. L. Adams and T. R. Kelly. (California Sta. Circ. 193, pp. 75.)

Revised Compatibility Chart of Insecticides and Fungicides. By G. P. Gray. (California Sta. Circ. 195, pp. 3, fig. 1.)

Dairy Calves for Veal. By G. H. True and C. V. Castle. (California Sta. Circ. 196, pp. 7.)

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Journal of Management Studies, 19(1), 67-80.

- Beans in Colorado and Their Diseases. By A. Kezer and W. G. Sackett. (Colorado Sta. Bul. 234, pp. 32, figs. 15.)
- The Dandelion in Colorado. By B. O. Longyear. (Colorado Sta. Bul. 236, pp. 35, figs. 20.)
- Cleaned, Treated, and Tested Seed for Colorado. By W. W. Robbins, H. E. Vasey, and G. E. Egginton. (Colorado Sta. Bul. 238, pp. 40, figs. 11.)
- The Home Vegetable Garden. By R. A. McGinty. (Colorado Sta. Bul. 241, pp. 3-35.)
- Spray Calendar. By W. E. Britton and G. P. Clinton. (Connecticut State Sta. Bul. 199, pp. 51-98, figs. 95.)
- Dairying in Florida. By J. M. Scott. (Florida Sta. Bul. 142, pp. 57-76, figs. 6.)
- Feeding for Milk Production. By J. M. Scott. (Florida Sta. Bul. 143, pp. 77-88, fig. 1.)
- Fertilizers for Japanese Cane. By J. M. Scott. (Florida Sta. Bul. 144, pp. 89-98, fig. 1.)
- Annual Report, 1917. (Hawaii Fed. Sta. Rpt. 1917, pp. 56, pls. 8, fig. 1.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.
- Seed Production in Apples. By C. S. Crandall. (Illinois Sta. Bul. 203, Abs., pp. 4.)
- Germ Content of Milk.--II, As Influenced by the Utensils. By M. J. Prucha, H. M. Weeter, and W. H. Chambers. (Illinois Sta. Bul. 204, pp. 216-257, fig. 1.)
- The Farm Machinery Situation. By E. A. White. (Illinois Sta. Circ. 210, pp. 4.)
- The Seed Corn Situation for 1918. By W. L. Burlison and G. H. Dungan. (Illinois Sta. Circ. 211, pp. 8, figs. 5.)
- Directions for Spraying Fruit Trees in Illinois. (Illinois Sta. Circ. 212, pp. 12, figs. 3.)
- Shall We Plant More Spring Wheat? By W. L. Burlison. (Illinois Sta. Circ. 214, pp. 2.)
- Sheep Feeding.--VII, Fattening Western Lambs, 1916-1917. By J. H. Skinner and F. G. King. (Indiana Sta. Bul. 202, pp. 20.)
- Cattle Feeding.--XIII, Winter Steer Feeding, 1916-1917. By J. H. Skinner and F. G. King. (Indiana Sta. Bul. 206, pp. 27.)
- The Indiana Horticultural Society's Experimental Orchard. By J. Oskamp. (Indiana Sta. Circ. 74, pp. 16, figs. 7.)
- The Feeding Stuffs Control Law and How to Comply with It. By E. G. Preulx. (Indiana Sta. Circ. 75, pp. 8.)

1. The first part of the report is a general statement of the purpose of the study.

2. The second part of the report is a description of the methods used in the study.

3. The third part of the report is a description of the results of the study.

4. The fourth part of the report is a discussion of the results.

5. The fifth part of the report is a conclusion.

6. The sixth part of the report is a list of references.

7. The seventh part of the report is a list of appendices.

8. The eighth part of the report is a list of tables.

9. The ninth part of the report is a list of figures.

10. The tenth part of the report is a list of footnotes.

11. The eleventh part of the report is a list of abbreviations.

12. The twelfth part of the report is a list of symbols.

13. The thirteenth part of the report is a list of definitions.

14. The fourteenth part of the report is a list of acknowledgments.

15. The fifteenth part of the report is a list of references.

16. The sixteenth part of the report is a list of appendices.

17. The seventeenth part of the report is a list of tables.

18. The eighteenth part of the report is a list of figures.

19. The nineteenth part of the report is a list of footnotes.

- Increasing Crop Yields for War Needs. By A. T. Wiancko. (Indiana Sta. Circ. 76, pp. 7, fig. 1.)
- Hotbeds for Home Gardens. By W. E. Lommel. (Indiana Sta. Circ. 77, pp. 8, figs. 7.)
- Indiana Soils Need Phosphates. By A. T. Wiancko and S. C. Jones. (Indiana Sta. Circ. 79, pp. 8, figs. 3.)
- Home Gardens. By W. E. Lommel. (Indiana Sta. Circ. 80, pp. 24, figs. 10.)
- Thirtieth Annual Report, 1917. (Indiana Sta. Rpt. 1917, pp. 84.)
- Bacteria in Ice Cream, II. By B. W. Hammer and E. F. Goss. (Iowa Sta. Bul. 174, pp. 3-21.)
- The Milch Goat. By A. C. McCandlish and L. S. Gillette. (Iowa Sta. Circ. 42, pp. 4.)
- Common Garden Insects. By R. L. Webster. (Iowa Sta. Circ. 44, pp. 8, figs. 9.)
- Improved Method of Fighting Smut in Oats. By H. D. Hughes. (Iowa Sta. Circ. 45, pp. 8, figs. 4.)
- Grow Spring Wheat in Iowa. By L. C. Burnett. (Iowa Sta. Circ. 47, pp. 4.)
- Barley: An Early Maturing Crop for Years of Feed Shortage. By L. C. Burnett. (Iowa Sta. Circ. 48; pp. 4, fig. 1.)
- Growing Sorghum in Kansas. By C. C. Cunningham and R. Kenney. (Kansas Sta. Bul. 218, pp. 3-54, figs. 24.)
- Potato Seed Diseases and Their Treatment. By L. E. Melchers. (Kansas Sta. Circ. 63, pp. 2.)
- The Home Vegetable Garden. By M. F. Ahearn. (Kansas Sta. Circ. 64, pp. 8, figs. 2.)
- American Jack Stock and Mule Production. By W. S. Anderson and J. J. Hooper. (Kentucky Sta. Bul. 212, pp. 235-304, figs. 28.)
- Ninth Biennial Report of the Food and Drug Department. (Kentucky Sta. Bien Rpt. Food and Drug Dept., 1915-1917, pp. 10.)
- Breeders Daughter-Dam Test: A Cooperative Project to Enable the Breeder to Test the Transmitting Qualities of His Herd Bulls. (Maine Sta. Doc. 532, pp. 4.)
- The European Corn Borer (*Pyrausta nubilalis*), A Recently Established Pest in Massachusetts. By S. C. Vinal. (Massachusetts Sta. Bul. 178, pp. 146-152.)
- The Greenhouse Red Spider Attacking Cucumbers and Methods for Its Control. By S. C. Vinal. (Massachusetts Sta. Bul. 179, pp. 152-182, fig. 1.)
- Report of the Cranberry Substation for 1916, by H. J. Franklin; Observations on the Spoilage of Cranberries Due to Lack of Proper Ventilation, by C. L. Shear, N. E. Stevens, and D. A. Rudolph. (Massachusetts Sta. Bul. 180, pp. 179-229.)

- Meteorological Observations at the Massachusetts Agricultural Experiment Station.
 By J. E. Ostrander and A. L. Chandler. (Massachusetts Sta. Met. Bul. 350, pp. 4.)
- The Soil Solution Obtained by the Oil Pressure Method. By J. F. Morgan. (Michigan Sta. Tech. Bul. 28, pp. 3-38, figs. 6.)
- Keeping Qualities of Butter.--IV, Cream Ripening and Its Influence, (Contribution),
 Bacteria in Cream, Their Numbers and Types and Their Itinerary in the Manufacture
 of Butter. By C. W. Brown and K. Peiser. (Michigan Sta. Tech. Bul. 29, pp. 3-20,
 figs. 3.)
- Keeping Qualities of Butter.--V, Pasteurization and Its Influence, (Contribution),
 A Study of the Factors Which Influence the Resistance of Lactic Acid Bacteria to
 Heat. By C. W. Brown and K. Peiser. (Michigan Sta. Tech. Bul. 30, pp. 3-18.)
- The Transmission of Bacterium abortus to New Born Calves Through the Ingestion of
 Milk. By I. F. Huddelson. (Michigan Sta. Tech. Bul. 32, pp. 3-22.)
- A Study of the Presence of Bacterium abortus in Milk. By L. H. Cooledge. (Michigan
 Sta. Tech. Bul. 33, pp. 3-37, figs. 2.)
- Organic Nitrogenous Compounds in Peat Soils, III. By C. S. Robinson and E. J. Miller.
 (Michigan Sta. Tech. Bul. 35, pp. 3-29, figs. 9.)
- Classification and Measurement of the Different Forms of Water in the Soil by Means
 of the Dilatometer Method. By G. J. Bouyoucos. (Michigan Sta. Tech. Bul. 36,
 pp. 48, figs. 5.)
- The Freezing Point Method as a New Means of Studying Velocity of Reaction Between
 Soils and Chemical Agents and Behavior of Equilibrium. By G. J. Bouyoucos and
 W. A. Laudeman. (Michigan Sta. Tech. Bul. 37, pp. 32.)
- Report of Cloquet Forest Experiment Station. By W. H. Kenety. (Minnesota Sta. Bul.
 169, pp. 64, figs. 53.)
- Crop Rotation Investigations--Field T Experiments. By A. C. Army. (Minnesota Sta.
 Bul. 170, pp. 55, figs. 3.)
- Cooperative Stores in Minnesota, 1914. By E. D. Durand and F. Robotka. (Minnesota
 Sta. Bul. 171, pp. 3-31, figs. 4.)
- Successful Incubation Practices in New Jersey, Embryo Mortality. By R. R. Hannas.
 (New Jersey Stas. Hints to Poultrymen, 6 (1918), No. 5, pp. 4.)
- Conserving the Baby Chicks. By W. C. Thompson. (New Jersey Stas. Hints to Poultry-
 men, 6 (1918), No. 6, pp. 4.)
- The Utilization of Dry Farm Crops in Beef Production. By L. Foster and H. G. Smith.
 (New Mexico Sta. Bul. 168, pp. 34, figs. 6.)
- The Anthracnose Disease of the Raspberry and Related Plants. By W. H. Burkholder.
 (New York Cornell Sta. Bul. 395, pp. 155-183, figs. 10.)

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1. The first part of the report is a general statement of the purpose of the study and the scope of the work. It also includes a brief review of the literature on the subject.

THIS DOCUMENT IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE BY THE DATA CONTAINED HEREIN

(The following information was obtained from the records of the FBI, New York City Office, dated 10-10-68.)

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1. The following information was obtained from the records of the Federal Bureau of Investigation, Bureau of Prisons, and the United States Department of Justice, regarding the activities of the Communist Party, U.S.A., in the United States, during the years 1945 to 1947:

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1. The first group of people, who are not yet 18 years old, are not allowed to work in the underground.

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- Poor Ventilation Injures Stored Potatoes. By F. H. Hall. (New York State Sta. Bul. 436, pop. ed., pp. 11, figs. 4.)
- Onion Neck-rot in Storage Houses. By F. H. Hall. (New York State Sta. Bul. 437, pop. ed., pp. 8, figs. 3.)
- What is Meant by "Quality" in Milk. By R. S. Breed et al. (New York State Sta. Bul. 438, pp. 457-475.)
- The Mill Market for Corn and Wheat. By W. R. Camp. (North Carolina Sta. Farmers' Market Bul., 5 (1918), No. 20, pp. 10.)
- Special Bulletins Food Department. (North Dakota Sta. Spec. Food Buls., 4 (1917), No. 18, pp. 437-538; 5 (1918), No. 1, pp. 20.)
- The Farm Vegetable Garden. By H. O. Werner. (North Dakota Sta. Circ. 17, pp. 64, figs. 66.)
- Abortion Disease in Cattle. By L. Van Es. (North Dakota Sta. Circ. 18, pp. 19.)
- Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo. Bul., 3 (1918), No. 2, pp. 31-64, figs. 15.)
- The Evaporation of Prunes. By C. I. Lewis, F. R. Brown, and A. F. Barss. (Oregon Sta. Bul. 145, pp. 36, figs. 28.)
- Pruning Investigations--Second Report. By J. R. Magness, A. F. Edminster, and V. R. Gardner. (Oregon Sta. Bul. 146, pp. 73, pls. 5, figs. 32.)
- Raising Beef Cattle. By B. O. Severson. (Pennsylvania Sta. Bul. 150, pp. 19, figs. 12.)
- Fertilizer Experiments on DeKalb Soils: A Preliminary Report. By J. W. White. (Pennsylvania Sta. Bul. 151, pp. 12, figs. 9.)
- Rearing Queen Bees in Porto Rico. By R. H. Van Zwaluwenburg and R. Vidal. (Porto Rico Fed. Sta. Circ. 16, pp. 12, figs. 5.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.
- Infections Caused by Bacterium pullorum in Adult Fowls. By P. Hadley et al. (Rhode Island Sta. Bul. 172, pp. 40.)
- Results of Fertilizer Experiments Conducted at the Pee Dee Station. By T. E. Keitt. (South Carolina Sta. Bul. 193, pp. 24.)
- Field Experiments with Crown Gall, 1913-1917. By H. Ness. (Texas Sta. Bul. 211, pp. 3-21, figs. 7.)
- Progress Report, Substation No. 7, Spur, Texas, 1909-1914. By R. E. Dickson. (Texas Sta. Bul. 218, pp. 3-33, figs. 7.)
- Progress Report, Substation No. 8, Lubbock, Texas, 1909-1914. By R. E. Karper. (Texas Sta. Bul. 219, pp. 3-41, figs. 9.)

1. The first part of the report (1-10) is devoted to a general description of the project and its objectives.

2. The second part (11-20) contains a detailed description of the experimental methods used in the study.

3. The third part (21-30) presents the results of the experiments and discusses the factors influencing the observed phenomena.

4. The fourth part (31-40) is devoted to a comparison of the experimental results with the theoretical predictions.

5. The fifth part (41-50) contains a summary of the main findings of the study and some conclusions.

6. The sixth part (51-60) is devoted to a discussion of the limitations of the study and suggestions for further research.

7. The seventh part (61-70) contains a list of references and a list of figures.

8. The eighth part (71-80) is devoted to a discussion of the practical applications of the results of the study.

9. The ninth part (81-90) contains a list of abbreviations and a list of symbols.

10. The tenth part (91-100) is devoted to a discussion of the historical background of the study.

11. The eleventh part (101-110) contains a list of acknowledgments and a list of contributors.

12. The twelfth part (111-120) is devoted to a discussion of the future prospects of the study.

13. The thirteenth part (121-130) contains a list of appendices and a list of tables.

14. The fourteenth part (131-140) is devoted to a discussion of the ethical aspects of the study.

15. The fifteenth part (141-150) contains a list of footnotes and a list of references.

16. The sixteenth part (151-160) is devoted to a discussion of the social implications of the study.

17. The seventeenth part (161-170) contains a list of glossary and a list of definitions.

18. The eighteenth part (171-180) is devoted to a discussion of the legal aspects of the study.

19. The nineteenth part (181-190) contains a list of index and a list of keywords.

- Orchard Heating. By F. L. West and N. E. Edlefsen. (Utah Sta. Bul. 161, pp. 3-48, fig. 1.)
- Licensed Stallions in Utah During the Season of 1917. By W. E. Carroll. (Utah Sta. Circ. 27, pp. 29, fig. 1.)
- The Control of Rodent Pests--Directions for Killing Ground Squirrels, Pocket Gophers, Rabbits, and Field Mice. By C. J. Sorenson. (Utah Sta. Circ. 29, pp. 12, figs. 2.)
- Potato Culture. By T. B. Hutcheson and T. K. Wolfe. (Virginia Sta. Bul. 217, pp. 16, figs. 5.)
- Peanut Culture. By E. T. Batten. (Virginia Sta. Bul. 218, pp. 16, fig. 1.)
- The Effects of High Protein and High Energy Rations in Feeding Dairy Cows. By W. B. Ellett and C. W. Holdaway. (Virginia Sta. Tech. Bul. 12, pp. 29-45.)
- A Ten-Year Study of the Effect of Fertilizers on the Soluble Plant Food in the Soil and on the Crop Yield. By W. B. Ellett and H. H. Hill. (Virginia Sta. Tech. Bul. 13, pp. 46-72, fig. 1.)
- Effect of Soil Moisture on Growth and Maturity in Maize. By T. B. Hutcheson and T. K. Wolfe. (Virginia Sta. Tech. Bul. 14, pp. 73-92.)
- I, The Effect of Different Plant Tissues on the Fixation of Atmospheric Nitrogen;
II, A Study of the Bacteriology of Fresh and Decomposing Manure. By T. J. Murray. (Virginia Sta. Tech. Bul. 15, pp. 91-117, fig. 1.)
- Pot Experiments to Determine Primarily the Availability of Phosphoric Acid in Thomas Slag Phosphates in Comparison with Other Phosphates. By W. B. Ellett and A. A. Ingham. (Virginia Sta. Tech. Bul. 16, pp. 118-136, figs. 9.)
- I, Further Observations on the Effects of Pruning, Root Pruning, Ringing, and Strip-ping on the Formation of Fruit Buds on Dwarf Apple Trees, by A. W. Drinkard, Jr.;
II, Studies on Methods of Protecting Ringing Wounds on Apple Trees to Promote Their Healing, by A. W. Drinkard, Jr. and A. A. Ingham. (Virginia Sta. Tech. Bul. 17, pp. 135-160, figs. 13.)
- The Effect of Hybridization on Maturity and Yield in Corn. By T. B. Hutcheson and T. K. Wolfe. (Virginia Sta. Tech. Bul. 18, pp. 161-170.)
- Annual Reports, 1915 and 1916. (Virginia Sta. Rpts. 1915-16, pp. 213, figs. 36.)
- Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Sta. Mo. Bul., 5 (1918), No. 12, pp. 173-188.)
- Control of Cherry Leaf Spot in Wisconsin. By G. W. Keitt. (Wisconsin Sta. Bul. 286, pp. 11, figs. 8.)
- New Facts on Feeding Cattle for Successful Growth and Reproduction. By E. B. Hart, H. Steenbock, and G. C. Humphrey. (Wisconsin Sta. Bul. 287, pp. 24, figs. 20.)

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(H. J.)

1. The first group of people who are interested in the study of the history of the world are the historians. They are the people who study the past and write about it. They are the people who tell us what happened in the past and why it happened. They are the people who help us to understand the world around us.

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UNITED STATES DEPARTMENT OF AGRICULTURE,
STATES RELATIONS SERVICE,
A. C. TRUE, Director.

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U. S. DEPT. OF AGRICULTURE

LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING APRIL, 1918.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Report on Freeze Injury to Citrus Trees for 1916 and 1917, with Notes on Orange Culture in South Alabama. By O. F. E. Winberg, G. C. Starcher, and C. L. Isbell. (Alabama Col. Sta. Bul. 199, pp. 3-26, pls. 7, figs. 3.)

How to Grow the Tomato and 115 Ways to Prepare it for the Table. By G. W. Carver. (Alabama Tuskegee Sta. Bul. 36, pp. 40.)

Annual Report, 1916. (Alaska Stas. Rpt. 1916, pp. 91, pls. 13.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.

Poisonous Animals of the Desert. By C. T. Vorhies. (Arizona Sta. Bul. 83, pp. 353-392, pl. 1, figs. 15.)

To Fertilize is Patriotic and Profitable. By DeF. Hungerford and W. E. Ayres. (Arkansas Sta. Circ. 32, pp. 4.)

Control of Insects Affecting Stored Seed and Food Products. By G. G. Becker. (Arkansas Sta. Circ. 33, pp. 8, figs. 12.)

Sorghum Grains Versus Corn for Fattening Swine. By H. E. Dvorachek and H. A. Sandhouse. (Arkansas Sta. Circ. 34, pp. 4.)

Keep this Bug Out. By G. G. Becker. (Arkansas Sta. Circ. 35, pp. 4, figs. 7.)

Grazing Crops for Hogs. By L. W. Osborn. (Arkansas Sta. Circ. 36, pp. 4.)

Cotton Seed for Planting Purposes. By W. E. Ayres. (Arkansas Sta. Circ. 37, pp. 4, fig. 1.)

Varieties of Cotton--Summary Report 1917. By W. E. Ayres. (Arkansas Sta. Circ. 39, pp. 8.)

Intercropping of Young Irrigated Orchards. By R. S. Vaile. (California Sta. Circ. 194, pp. 11.)

First Annual Report. By W. W. Robbins. (Colorado Sta. Seed Lab. Bul., 1 (1917), No. 2, pp. 28, figs. 3.)

- Pigmentation and Other Criteria for the Selection of Laying Hens. By A. F. Blakeslee, J. A. Harris, D. E. Warner, and W. F. Kirkpatrick. (Connecticut Storrs Sta. Bul. 92, pp. 91-194, figs. 23.)
- Annual Report, 1917. (Delaware Sta. Bul. 119, pp. 28.)
- Melanose II. By H. E. Stevens. (Florida Sta. Bul. 145, pp. 101-116, figs. 7.)
- Composition and Digestibility of Feeding Stuffs Grown in Hawaii. By M. O. Johnson and K. A. Ching. (Hawaii Fed. Sta. Press Bul. 53, pp. 26.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.
- Annual Report, 1917. (Idaho Sta. Bul. 104, pp. 51.)
- Apple Flakes. By W. P. James. (Illinois Sta. Circ. 213, pp. 8, figs. 2.)
- The War Garden Hotbed. By C. E. Durst. (Illinois Sta. Circ. 215, pp. 3, figs. 5.)
- Growing Plants for War Gardens. By C. E. Durst. (Illinois Sta. Circ. 216, pp. 16, figs. 17.)
- The Right Time to Plant Vegetables. By J. W. Lloyd. (Illinois Sta. Circ. 217, pp. 4.)
- The Self-feeder in Pork Production. By W. J. Carmichael. (Illinois Sta. Circ. 218, pp. 8, figs. 3.)
- Conserving Sugar in Ice Cream Manufacture. By H. A. Euehe. (Illinois Sta. Circ. 219, pp. 2.)
- Commercial Feeding Stuffs. By W. R. Jones, Jr., et al. (Indiana Sta. Bul. 209, pp. 3-342, fig. 1.)
- Testing Milk and Cream for Butter-fat. By R. E. Caldwell, T. H. Broughton, and S. L. Anderson. (Indiana Sta. Circ. 78, pp. 15, figs. 22.)
- Improving the Oat Crop. By L. C. Burnett. (Iowa Sta. Bul. 175, pp. 150-172, figs. 10.)
- The Occurrence and Significance of Mannitol in Silage. By A. W. Dox and G. P. Plaisance. (Iowa Sta. Research Bul. 42, pp. 353-364.)
- Effect of Sulfur and Manure on Availability of Rock Phosphate in Soil. By P. E. Brown and A. R. Gwinn. (Iowa Sta. Research Bul. 43, pp. 369-389, figs. 4.)
- The Influence of the Ration upon the Intestinal Flora of Swine. By L. D. Bushnell and J. J. Frey. (Kansas Sta. Tech. Bul. 3, pp. 3-54, figs. 3.)
- Insects and Plant Diseases Attacking Garden Crops. By J. H. Merrill and L. E. Melchers. (Kansas Sta. Circ. 65, pp. 12.)
- Spraying Fruit Trees. By J. H. Merrill. (Kansas Sta. Circ. 66, pp. 8.)
- Vegetable Decolorizing Carbons and Their Use in the Cane Sugar Industry. By F. W. Zerban. (Louisiana Stas. Bul. 161, pp. 3-39, figs. 2.)

- Blood-sucking Insects as Transmitters of Anthrax or Charbon. By H. Morris.
(Louisiana Stas. Bul. 163, pp. 3-15, figs. 2.)
- The Biology of the Alder Flea Beetle, Altica birarginata. By W. C. Woods. (Maine Sta. Bul. 265, pp. 247-284, pls. 4.)
- The Chemical Composition of Green Sprouted Oats. Fish Wastes for Feeding Animals. By J. M. Bartlett. (Maine Sta. Bul. 266, pp. 283-292.)
- The Aphid of Choke Cherry and Grain, Aphis pseudoavenae. By Edith M. Patch. (Maine Sta. Bul. 267, pp. 291-296, pl. 1.)
- Abstracts of Papers not Included in Bulletins, Finances, Meteorology, Index. (Maine Sta. Bul. 268, pp. 295-324.)
- Commercial Fertilizers, 1917. By C. D. Woods. (Maine Sta. Off. Insp. 85, pp. 121-148.)
- Thirty-third Annual Report, 1917. (Maine Sta. Rpt. 1917, pp. XVI.)
- Digestion Experiments with Sheep. By J. B. Lindsey, C. L. Beals, and P. H. Smith. (Massachusetts Sta. Bul. 181, pp. 237-335.)
- Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and A. L. Chandler. (Massachusetts Sta. Met. Bul. 351, pp. 4.)
- Fertilizer Analyses. By A. J. Patten, E. F. Berger, T. F. Friedemann, and P. O'Meara. (Michigan Sta. Bul. 280, pp. 3-48.)
- Strawberry Culture. By C. P. Halligan. (Michigan Sta. Spec. Bul. 84, pp. 3-19, figs. 18.)
- Thirtieth Annual Report, 1917. (Michigan Sta. Rpt. 1917, pp. 261-678, figs. 39.)
- Inspection of Commercial Fertilizers, 1917. By P. F. Trowbridge. (Missouri Col. Sta. Bul. 154, pp. 44, fig. 1.)
- The Home Vegetable Garden. By J. C. Whitten. (Missouri Col. Sta. Circ. 83, pp. 22.)
- Dry Farm Crop Rotations and Cultural Methods. By A. Atkinson, J. M. Stephens, and G. W. Morgan. (Montana Sta. Bul. 116, pp. 54, figs. 6.)
- Studies on the Composition and Nutritive Value of Clover Hay and Clover Silage in Montana. By E. Burke. (Montana Sta. Bul. 117, pp. 57-72.)
- Sunflower Silage for Dairy Cows.--A Preliminary Report. By C. N. Arnett and O. Tretsven. (Montana Sta. Bul. 118, pp. 73-80.)
- Hairlessness and Goiter in New-born Domestic Animals. By H. Welch. (Montana Sta. Bul. 119, pp. 81-104, figs. 9.)
- Date and Rate-of-seeding Tests with Spring Grains Under Irrigation. By A. Atkinson. (Montana Sta. Bul. 120, pp. 105-117.)

- Pork Production in Nebraska. By E. A. Burnett. (Nebraska Sta. Circ. 4, pp. 7.)
- Potato Culture in Nevada. By C. S. Knight. (Nevada Sta. Bul. 90, pp. 24, figs. 19.)
- Silage Crops for Nevada. By C. S. Knight. (Nevada Sta. Bul. 91, pp. 16, figs. 9.)
- Annual Report, 1917. (Nevada Sta. Rpt. 1917, pp. 79, figs. 10.)
- Commercial Feeding Stuffs and Registrations for 1917. By C. S. Cathcart et al. (New Jersey Stas. Bul. 311, pp. 4-100.)
- Farm Profits and Factors Influencing Farm Profits on 284 General and 75 Dairy Farms in Monmouth County, New Jersey. By F. App. (New Jersey Stas. Bul. 312, pp. 4-89, pls. 8, figs. 6.)
- Analyses of Commercial Fertilizers, Fertilizer Supplies, and Home Mixtures. By C. S. Cathcart et al. (New Jersey Stas. Bul. 314, pp. 4-51.)
- Analyses of Materials Sold as Insecticides and Fungicides for 1917. By C. S. Cathcart and R. L. Willis. (New Jersey Stas. Bul. 315, pp. 4-16.)
- Analyses of Commercial Fertilizers and Ground Bone; Analyses of Agricultural Lime. By C. S. Cathcart et al. (New Jersey Stas. Bul. 318, pp. 4-51.)
- Fertilizer Registrations for 1918. By C. S. Cathcart. (New Jersey Stas. Bul. 321, pp. 5-39.)
- Spray Calendar for Apples and Quinces. (New Jersey Stas. Circ. 93, pp. 4, figs. 3.)
- Spray Calendar for the Peach. (New Jersey Stas. Circ. 94, pp. 4, figs. 3.)
- New Jersey's Poultry Program for 1918. By H. R. Lewis. (New Jersey Stas. Hints to Poultrymen, 6 (1918), No. 7, pp. 4.)
- Thirtieth Annual Report, 1917. (New York Cornell Sta. Rpt. 1917, pp. XC + 1203, pls. 44, figs. 323.)
- Blackheart and the Aeration of Potatoes in Storage. By F. C. Stewart and A. J. Mix. (New York State Sta. Bul. 436, pp. 321-362, pls. 10.)
- The Number of Bacteria in Milk. By J. D. Brew and W. D. Dotterer. (New York State Sta. Bul. 439, pp. 477-522.)
- Report of Analyses of Samples of Commercial Fertilizers Collected by the Commissioner of Agriculture During 1917. (New York State Sta. Bul. 440, pp. 523-584.)
- The Control of Bacteria in Market Milk by Direct Microscopic Examination. By R. S. Breed and J. D. Brew. (New York State Sta. Bul. 443, pp. 717-746, fig. 1.)
Sta.
- Inheritance of Sex in Strawberries. By R. D. Anthony. (New York State Tech. Bul. 63, pp. 3-10.)

- Thirty-fifth Annual Report, 1916. (New York State Sta. Rpt. 1916, pp. VIII + 820, pls. 89, figs. 43.)
- Potato Diseases. By D. C. Babcock. (Ohio Sta. Bul. 319, pp. 117-136, figs. 12.)
- Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo. Bul., 3 (1918), No. 3, pp. 65-100, figs. 16.)
- Bark-beetles Infesting the Douglas Fir. By W. J. Chamberlin. (Oregon Sta. Bul. 147, pp. 3-40, figs. 15.)
- The Life History and Control of the Rose Leaf-hopper, an Apple Pest. By L. Childs. (Oregon Sta. Bul. 148, pp. 3-32, figs. 14.)
- Dry Farming Investigations at the Harney Branch Station. By L. R. Breithaupt. (Oregon Sta. Bul. 150, pp. 3-46, figs. 18.)
- Ground Limestone and Prosperity on the Farm. By C. A. Mooers. (Tennessee Sta. Bul. 119, pp. 189-200, figs. 4.)
- Egg-producing Values of Some Texas Feeding Stuffs. By R. N. Harvey. (Texas Sta. Bul. 220, pp. 3-11, figs. 2.)
- Progress Report, Substation No. 9, Pecos, Texas, 1910-1914. By J. W. Jackson. (Texas Sta. Bul. 221, pp. 3-21, figs. 4.)
- Effects of Lime and Carbonate of Lime on Acid Phosphate. By G. S. Fraps. (Texas Sta. Bul. 223, pp. 3-16.)
- The Influence of Peanuts and Rice Bran on the Quality of Pork. By L. B. Burk. (Texas Sta. Bul. 224, pp. 3-14, fig. 1.)
- Contagious Abortion in Mares and Cows. By H. J. Frederick. (Utah Sta. Circ. 28, pp. 3-18, figs. 10.)
- Potatoes.--Increase the Yield by (1) Better Cultural Methods; (2) the Control of Diseases; (3) the Control of Insect Pests. By R. J. Barnett, F. D. Heald, and A. L. Melander. (Washington Sta. Pop. Bul. 113, p. 1.)
- Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Sta. Mo. Bul., 6 (1918), No. 1, pp. 16.)
- Forage for Swine. By J. J. Yoke. (West Virginia Sta. Circ. 28, pp. 4.)
- Report, 1914-16. (West Virginia Sta. Rpt. 1914-16, pp. 98, fig. 1.)
- Twenty-seventh Annual Report, 1917. (Wyoming Sta. Rpt. 1917, pp. 125-179, fig. 1.)

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UNITED STATES DEPARTMENT OF AGRICULTURE,
STATES RELATIONS SERVICE,
A. C. TRUE, Director.

LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING MAY, 1918.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

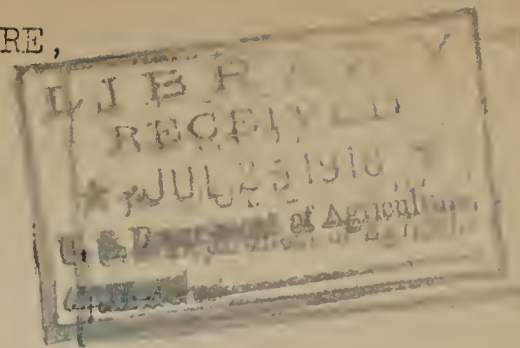
- Tests of Varieties of Corn at Auburn. By E. F. Cauthen. (Alabama Col. Sta. Bul. 200, pp. 27-36, pls. 2.)
- Tomato Growing in Arkansas. By J. R. Cooper. (Arkansas Sta. Circ. 40, pp. 4.)
- Sweet Sorghums for Forage. By B. A. Madson. (California Sta. Bul. 293, pp. 271-283, figs. 2.)
- Bean Culture in California. By G. W. Hendry. (California Sta. Bul. 294, pp. 287-347, pl. 1, figs. 13.)
- Suggestions for Increasing Egg Production in a Time of High Feed Prices. Yellow Color as an Indication of Egg Production. By J. E. Dougherty. (California Sta. Circ. 197, pp. 7.)
- Onion Growing in California. By S. C. Rogers. (California Sta. Circ. 199, pp. 22, figs. 14.)
- The Properties of Colorado Wheat. By W. P. Headden. (Colorado Sta. Bul. 237, pp. 3-31.)
- Millet Smuts and Their Control. By H. E. Vasey. (Colorado Sta. Bul. 242, pp. 3-22, figs. 11.)
- Potato Culture in Colorado. By E. P. Sandsten. (Colorado Sta. Bul. 243, pp. 3-35, figs. 14.)
- Thirtieth Annual Report, 1917. (Colorado Sta. Rpt. 1917, pp. 32.)
- Performance Records of Some Eastern Wheats in Idaho. By J. S. Jones and C. W. Colver. (Idaho Sta. Bul. 103, pp. 3-32, figs. 9.)
- Trees.--What, Where, When, and How to Plant. By C. H. Shattuck and I. W. Cook. (Idaho Sta. Bul. 105, pp. 3-66, figs. 45.)
- The Home Garden in Idaho. By W. C. Edmundson and J. S. Welch. (Idaho Sta. Bul. 106, pp. 30, figs. 13.)
- Idaho Spray Calendar. By C. C. Vincent and Mina A. Willis. (Idaho Sta. Circ. 6,

- The Grasses of Illinois. By Edna Mosher. (Illinois Sta. Bul. 205, pp. 257-425, figs. 227.)
- Climate of Illinois. By J. G. Mosier. (Illinois Sta. Bul. 208, pp. 125, figs. 15.)
- Control of the Striped Cucumber Beetle. By H. D. Brown. (Illinois Sta. Circ. 220, pp. 4, fig. 1.)
- Outline of a Plan for Corn Breeding. By L. H. Smith. (Illinois Sta. Circ. 221, pp. 4.)
- Records from a Purdue Farm Flock. By A. G. Philips. (Indiana Sta. Bul. 211, pp. 12, figs. 5.)
- Soil Inoculation. By P. E. Brown. (Iowa Sta. Circ. 43, pp. 7.)
- Cabbage Diseases. By I. E. Melhus and I. H. Vogel. (Iowa Sta. Circ. 46, pp. 4, figs. 3.)
- Kansas State Live Stock Registry Board. (Kansas Sta. Insp. Circ. 6, pp. 159.)
- Observations and Experiments on the Bean and Pea Weevils in Kentucky. By H. Garman. (Kentucky Sta. Bul. 213, pp. 307-333, pls. 5.)
- Care and Management of Sheep in Kentucky. By E. S. Good and L. B. Mann. (Kentucky Sta. Bul. 215, pp. 3-63, figs. 13.)
- Strawberries. By A. J. Olney and C. W. Mathews. (Kentucky Sta. Bul. 216, pp. 67-94, figs. 10.)
- Thirtieth Annual Report, 1917. (Kentucky Sta. Rpt. 1917, pt. 1, pp. 97 pls. 7.)
- Barn and Field Experiments in 1917. By C. D. Woods. (Maine Sta. Bul. 269, pp. 44, figs. 4.)
- The Oriental Peach Pest. By P. Garman. (Maryland Sta. Bul. 209, pp. 16, figs. 25.)
- Soy Beans as Human Food. By A. Itano. (Massachusetts Sta. Bul. 182, pp. 10.)
- Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and A. L. Chandler. (Massachusetts Sta. Met. Bul. 352, pp. 4.)
- Michigan Potato Diseases. By G. H. Coons. (Michigan Sta. Spec. Bul. 85, pp. 49, figs. 41.)
- Spray and Practice Outline for Fruit Growers. By C. P. Halligan and R. H. Pettit. (Michigan Sta. Spec. Bul. 86, pp. 3-24, figs. 6.)
- Dusting and Spraying Experiments with Apples. By W. C. Dutton. (Michigan Sta. Spec. Bul. 87, pp. 24, figs. 6.)
- Tomato Growing in Michigan. By C. W. Waid. (Michigan Sta. Spec. Bul. 89, pp. 3-18, figs. 9.)
- Saving Seeds for the Home and Market Garden. By R. W. Peterson and E. C. Volz. (Michigan Sta. Circ. 35, pp. 4.)

- A Farm Management Study in Southeastern Minnesota.--Factors Influencing Profits. By A. Boss, A. H. Benton, and W. L. Cavert. (Minnesota Sta. Bul. 172, pp. 51, figs. 15.)
- The Cost of Milk Production.--I, Factors of Cost; II, Application of the Factors in Determining the Cost of Milk at Northfield, Halstad, and Cokato. By F. W. Peck and A. Boss. (Minnesota Sta. Bul. 173, pp. 36, figs. 2.)
- Ear Type Selection and Yield in Corn. By P. J. Olson, C. P. Bull, and H. K. Hayes. (Minnesota Sta. Bul. 174, pp. 3-60, figs. 3.)
- Twenty-fifth Annual Report, 1917. (Minnesota Sta. Rpt. 1917, pp. 89.)
- Pasture and Forage Crops for South Mississippi. By E. B. Ferris. (Mississippi Sta. Bul. 180, pp. 32, figs. 7.)
- Silages for Fattening Steers. By H. K. Gayle and E. R. Lloyd. (Mississippi Sta. Bul. 182, pp. 15, pl. 1, fig. 1.)
- Baby Beef and Calf Feeding. By H. K. Gayle. (Mississippi Sta. Bul. 183, pp. 35, figs. 4.)
- Freezing Injury of Seed Corn. By T. A. Kiesselbach and J. A. Ratcliff. (Nebraska Sta. Bul. 163, pp. 16, figs. 4.)
- Studies of the Etiology and Control of Blister Canker on Apple Trees. By J. R. Cooper. (Nebraska Sta. Research Bul. 12, pp. 117, figs. 69.)
- Irrigation of Wheat in Nevada. By C. S. Knight. (Nevada Sta. Bul. 92, pp. 23, figs. 14.)
- Irrigation of Alfalfa in Nevada. By C. S. Knight. (Nevada Sta. Bul. 93, pp. 18, figs. 10.)
- The Value of Nitrate of Soda in Crop Production. By J. G. Lipman and A. W. Blair. (New Jersey Stas. Bul. 323, pp. 4-34, figs. 3.)
- The Feeding and Management of Swine. By J. M. Hunter. (New Jersey Stas. Circ. 90, pp. 44, figs. 15.)
- Home Grown Crops for the Poultry Flock. By B. G. Aubry. (New Jersey Stas. Hints to Poultrymen, 6 (1918), No. 8, pp. 4.)
- An Investigation of the Scarring of Fruit Caused by Apple Redbugs. By H. H. Knight. (New York Cornell Sta. Bul. 396, pp. 187-208, figs. 37.)
- The Demand for Irish and Sweet Potatoes. (North Carolina Sta. Farmers' Market Bul., 5 (1918), No. 21, pp. 7.)
- The Mill Price for Corn. By W. R. Camp. (North Carolina Sta. Farmers' Market Bul., 5 (1918), No. 22, pp. 9.)
- North Carolina Seed and Registered Stock. (North Carolina Sta. Farmers' Market Bul., 5 (1918), No. 23, pp. 9.)
- Special Bulletin Food Department. (North Dakota Sta. Spec. Food Bul., 5 (1918), No. 2, pp. 21-36.)

- Tomato Diseases in Ohio. By J. G. Humbert. (Ohio Sta. Bul. 321, pp. 157-196, figs. 13.)
- Feeding Experiments with Laying Hens. By W. J. Buss. (Ohio Sta. Bul. 322, pp. 197-241, figs. 4.)
- Monthly Bulletins of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo. Buls., 3 (1918), Nos. 4, pp. 99-137, figs. 12; 5, pp. 137-167, figs. 14.)
- Report of the John Jacob Astor Branch Experiment Station. By H. A. Lindgren. (Oregon Sta., Rpt. John Jacob Astor Branch Sta. 1913-15, pp. 6, figs. 3.)
- Report of the Southern Oregon Branch Experiment Station. By F. C. Reimer. (Oregon Sta., Rpt. Southern Oregon Branch Sta., 1913-15, pp. 11, fig. 1.)
- Report of the Harney Branch Experiment Station, Burns, Oregon, 1912-14. By L. R. Breithaupt. (Oregon Sta., Rpt. Harney Branch Sta. 1912-14, pp. 22, figs. 13.)
- The Relative Value of Limestone of Different Degrees of Fineness for Soil Improvement. By J. W. White. (Pennsylvania Sta. Bul. 149, pp. 24, figs. 12.)
- The Relative Value of Limestone of Different Degrees of Fineness for Soil Improvement. By J. W. White and F. D. Gardner. (Pennsylvania Sta. Bul. 152 [Pop. Ed. of Bul. 149], pp. 3-16, figs. 6.)
- Potato Culture in South Dakota. By M. Champlin and G. Winright. (South Dakota Sta. Bul. 176, pp. 696-764, figs. 50.)
- Annual Report, 1917. (South Dakota Sta. Rpt. 1917, pp. 38.)
- A Quick Method of Obtaining Accurate Individual Egg Records Without the Trap Nest. By B. Alder and A. D. Egbert. (Utah Sta. Bul. 162, pp. 3-12, figs. 8.)
- The Codling Moth (Carpocapsa pomonella). By H. R. Hagan. (Utah Sta. Circ. 30, pp. 4, figs. 5.)
- The Alfalfa Weevil (Phytonomus posticus). By H. R. Hagan. (Utah Sta. Circ. 31, pp. 8, figs. 3.)
- Annual Report, 1917. (Virginia Sta. Rpt. 1917, pp. 39, figs. 7.)
- Studies on the Morphology of Wheat. By G. H. Jensen. (Washington Sta. Bul. 150, pp. 3-21, pls. 5.)
- Two Methods of Preserving Eggs. By G. A. Olson. (Washington Sta. Pop. Bul. 114, pp. 4.)
- Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Sta. Mo. Bul., 6 (1918), No. 2, pp. 17-27.)
- Rural Relations of High Schools. By C. J. Galpin and J. A. James. (Wisconsin Sta. Bul. 288, pp. 44, figs. 18.)
- Soy Beans.--A Crop Worth Growing. By R. A. Moore and E. J. Delwiche. (Wisconsin Sta. Bul. 289, pp. 16, figs. 3.)

UNITED STATES DEPARTMENT OF AGRICULTURE,
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- The Attenuation of Hog Cholera Virus and Its Effect upon Normal Hogs. By C. L. McArthur. (Arkansas Sta. Bul. 139, tech., pp. 3-28.)
- The Dormant Spray for the San Jose Scale. By G. G. Becker. (Arkansas Sta. Bul. 141, pp. 3-11.)
- Soft Pork from Rice Bran. By H. E. Dvorachek and H. A. Sandhouse. (Arkansas Sta. Bul. 142, pp. 8, fig. 1.)
- Dairy By-products versus Tankage for Fattening Swine. By H. E. Dvorachek. (Arkansas Sta. Circ. 38, pp. 4.)
- Bean Growing in Arkansas. By W. H. Wicks and C. H. Heard. (Arkansas Sta. Circ. 41, pp. 4.)
- Fire Protection for Grain Fields with Special Reference to Fire Protective Appliances for Grain-harvesting Machinery. By W. Metcalf. (California Sta. Bul. 295, pp. 349-368, figs. 10.)
- Topping and Pinching Vines. By F. T. Bioletti and F. C. H. Flossfeder. (California Sta. Bul. 296, pp. 371-384, figs. 3.)
- Syrup from Sweet Sorghum. By W. V. Cruess. (California Sta. Circ. 198, pp. 16, figs. 11.)
- Growing the Fall or Second Crop of Potatoes in California. By S. S. Rogers. (California Sta. Circ. 200, pp. 4.)
- Alkalis in Colorado (Including Nitrates). By W. P. Headden. (Colorado Sta. Bul. 239, pp. 3-58.)
- Preliminary Report on Steer Feeding Experiments, 1914-15 and 1916-17. By G. E. Martin and T. E. Leiper. (Colorado Sta. Inform. Bul., pp. 8.)
- Report of the Connecticut Agricultural Experiment Station, New Haven, Conn., on Food Products and Drugs, 1917. (Connecticut State Sta. Bul. 200, pp. 99-198.)

- Economy in Feeding the Family.--III, Food Oils and Fats. By E. M. Bailey. (Connecticut State Sta. Bul. 201, pp. 199-211.)
- Economy in Feeding the Family.--IV, An Experience in Keeping Poultry in the City. (Connecticut State Sta. Bul. 202, pp. 215-224, fig. 1.)
- Diseases of Bees: Their Detection and Treatment. By H. W. Coley. (Connecticut State Sta. Bul. Immediate Inform. No. 8, pp. 4.)
- A Study of Egg Production in the White Leghorns. By L. E. Card. (Connecticut Storrs Sta. Bul. 91, pp. 39-90, figs. 12.)
- Infectious Abortion in Cattle. By L. F. Rettger and G. C. White. (Connecticut Storrs Sta. Bul. 93, pp. 199-248, pl. 1.)
- Variations in the Fat, Solids-not-fat, and Total Solids in Cow's Milk. By G. C. White and H. F. Judkins. (Connecticut Storrs Sta. Bul. 94, pp. 251-307, figs. 8.)
- Factors in Incubation. By G. H. Lamson, jr., and W. F. Kirkpatrick. (Connecticut Storrs Sta. Bul. 95, pp. 307-351, figs. 8.)
- Tomato Diseases. By C. D. Sherbakoff. (Florida Sta. Bul. 146, pp. 117-132, figs. 13.)
- Sprays for the Control of San Jose Scale. By W. C. Edmundson. (Idaho Sta. Bul. 108, pp. 16, figs. 7.)
- Washing of Soils and Methods of Prevention. By J. G. Mosier and A. F. Gustafson. (Illinois Sta. Bul. 207, pp. 512-550, figs. 32.)
- The Value of Phosphates on Indiana Soils. By A. T. Wiancko and S. C. Jones. (Indiana Sta. Bul. 210, pp. 16, figs. 4.)
- The Value of Lime on Indiana Soils. By A. T. Wiancko, S. D. Conner, and S. C. Jones. (Indiana Sta. Bul. 213, pp. 16, figs. 5.)
- Cost of Raising White Plymouth Rocks. By A. G. Philips. (Indiana Sta. Bul. 214, pp. 23, figs. 7.)
- Some Nutritive Properties of Corn. By J. S. Hughes. (Kansas Sta. Tech. Bul. 5, pp. 3-39, figs. 30.)
- Pedigreeing Poultry. By W. A. Lippincott. (Kansas Sta. Circ. 67, pp. 16, figs. 10.)
- Feed Registration under the Kansas Feeding-stuffs Law. By L. A. Fitz and A. E. Langworthy. (Kansas Sta. Insp. Circ. 5, pp. 63.)
- Twenty-ninth Annual Report, 1916. Pt. 1. (Kentucky Sta. Rpt. 1916, pt. 1, pp. 106, pls. 5.)
- Thirtieth Annual Report, 1917. (Louisiana Stas. Rpt. 1917, pp. 24.)

- Commercial Agricultural Seeds, 1917; Insecticides and Fungicides, 1916 and 1917. By C. D. Woods. (Maine Sta. Off. Insp. 86, pp. 32.)
- Agricultural Seed Inspected in 1916. By C. P. Smith. (Maryland Sta. Bul. 210, pp. 19-50.)
- Strawberry Notes. By W. R. Ballard. (Maryland Sta. Bul. 211, pp. 51-76, figs. 3.)
- Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and A. L. Chandler. (Massachusetts Sta. Met. Bul. 353, pp. 4.)
- Trees, Shrubs, and Plants for Farm and Home Planting. By C. P. Halligan. Michigan Sta. Bul. 281, pp. 3-52, figs. 40.)
- Experiments on the Control of Bean Anthracnose and Bean Blight. By J. H. Muncie. (Michigan Sta. Tech. Bul. 38, pp. 50,, pls. 4.)
- Physiological Balance in the Soil Solution. By R. P. Hibbard. (Michigan Sta. Tech. Bul. 40, pp. 3-44, figs. 8.)
- Durability of Concrete Drain Tile, II. By O. B. Winter. (Michigan Sta. Spec. Bul. 82, pp. 3-12.)
- Spraying to Control Anthracnose on Black Raspberries. By W. C. Dutton. (Michigan Sta. Spec. Bul. 88, pp. 8, figs. 8.)
- Report of West Central Experiment Station, Morris, 1917. By P. E. Miller. (Minnesota Sta., Rpt. West Central Experiment Sta. 1917, pp. 4-40, figs. 12.)
- Cost of Horse Labor on the Farm. By O. R. Johnson and R. M. Green. (Missouri Sta. Bul. 152, pp. 32, figs. 8.)
- How to keep Farm Accounts. By R. M. Green and D. C. Wood. (Missouri Sta. Circ. 84, pp. 28, figs. 13.)
- Soy Beans. By T. A. Kiesselbach. (Nebraska Sta. Bul. 166, pp. 16, figs. 2.)
- Thirty-first Annual Report, 1917. (Nebraska Sta. Rpt. 1917, pp. LIV.)
- National War Emergency Poultry Federation. By H. R. Lewis. (New Jersey Stas. Hints to Poultrymen, 6 (1918), No. 9, pp. 4.)
- Nine Year Band Record of the Codling Moth. By J. W. Rigney and A. B. Fite. (New Mexico Sta. Bul. 110, pp. 60, figs. 21.)
- The Refinement of Feeding Experiments for Milk Production by the Application of Statistical Methods. By L. A. Maynard and W. I. Myers. (New York Cornell Sta. Bul. 397, pp. 211-249, figs. 2.)
- How Bacteria in Milk Are Counted. By F. H. Hall. (New York State Sta. Bul. 439, popular ed., pp. 11, figs. 2.)

- Inspection of Feeding Stuffs. (New York State Sta. Bul. 441, pp. 585-691.)
- The Radish Maggot. By P. J. Parrott and H. Glasgow. (New York State Sta. Bul. 442, pp. 693-715, pls. 8, figs. 2.)
- Controlling a Radish Pest. By F. H. Hall. (New York State Sta. Bul. 442, popular ed., pp. 3-8, figs. 5.)
- Using the Microscope in Milk Grading. By F. H. Hall. (New York State Sta. Bul. 443, popular ed., pp. 3-10, fig. 1.)
- Seed Tests Made at the Station during 1916-17. By M. T. Munn. (New York State Sta. Bul. 446, pp. 53.)
- Newer Varieties of Strawberries. By O. M. Taylor. (New York State Sta. Bul. 447, pp. 55-78, pls. 9.)
- Newer Varieties of Strawberries. By O. M. Taylor. (New York State Sta. Bul. 447, abridged ed., pp. 3-10.)
- The Velvet-stemmed Collybia.--A Wild Winter Mushroom. By F. C. Stewart. (New York State Sta. Bul. 448, pp. 80-98, pls. 11.)
- A Non-parasitic Malady of the Vine. By F. E. Gladwin. (New York State Sta. Bul. 449, pp. 99-110, pls. 3.)
- The Microscopic Study of Bacteria and Fungi in Soil. By H. J. Conn. (New York State Sta. Tech. Bul. 64, pp. 3-20.)
- Fortieth Annual Report, 1917. (North Carolina Sta. Rpt. 1917, pp. 335, pl. 1, figs. 127.)
- Clover versus Alfalfa for Milk Production. By C. C. Hayden. (Ohio Sta. Bul. 327, pp. 36, fig. 1.)
- Live Stock versus Grain Farming. By C. G. Williams. (Ohio Sta. Bul. 328, pp. 37-53.)
- Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo. Bul., 3(1918), No. 6, pp. 167-197, figs. 21.)
- The Calcium Arsenates. By R. H. Robinson. (Oregon Sta. Bul. 131, pp. 3-15.)
- A Chemical Examination of the Loganberry. By M. R. Daughters. (Oregon Sta. Bul. 151, pp. 3-10.)
- The Fertilization of Apple Orchards. By J. P. Stewart. (Pennsylvania Sta. Bul. 153, pp. 31, figs. 2.)
- Plantas Para Proteger y Enriquecer los Terrenos de Puerto Rico. By C. F. Kinman. (Porto Rico Sta. Bul. 19, Spanish Ed., pp. 30, pls. 8.)
- Some Means of Controlling Insects, Fungi, and Other Pests in Porto Rico. By R. H. Van Zwaluwenburg and H. E. Thomas. (Porto Rico Sta. Circ. 17, pp. 30.)

Miscellaneous Experiments with Corn. By B. L. Hartwell and S. C. Damon.
(Rhode Island Sta. Bul. 173, pp. 27.)

The Composition of Peanuts and Peanut By-products. By G. S. Fraps. (Texas
Sta. Bul. 222, pp. 3-38.)

Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash.
(Western Washington Sta. Mo. Bul., 6 (1918), No. 3, pp. 29-44, figs. 3.)

Milk Necessary for the Nation's Welfare. By E. B. Hart and H. Steenbock.
(Wisconsin Sta. Bul. 291, pp. 20, figs. 13.)

UNITED STATES DEPARTMENT OF AGRICULTURE,
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- A Study of Marketing Conditions in the Salt River Valley, Ariz. By J. H. Collins. (Arizona Sta. Bul. 85, pp. 69, figs. 6.)
- Storage Rots of Sweet Potatoes. By J. A. Elliott. (Arkansas Sta. Bul. 144, pp. 16, figs. 16.)
- Varieties of Cotton, 1917. By W. E. Ayres. (Arkansas Sta. Bul. 145, pp. 39, figs. 2.)
- The Utilization of Phytin Phosphorus by the Pig. By J. B. Rather. (Arkansas Sta. Bul. 147, tech., pp. 26.)
- Preserving Eggs for Winter Use. By H. E. Dvorachek and S. R. Stour. (Arkansas Sta. Bul. 152, pp. 12, figs. 7.)
- Helpful Hints to Hog Raisers. By C. M. Vestal. (California Sta. Circ. 201, pp. 7.)
- County Organization for Rural Fire Control. By W. Metcalf. (California Sta. Circ. 202, pp. 23, figs. 6.)
- A Study of Colorado Wheat, Part IV. By W. P. Headden. (Colorado Sta. Bul. 244, pp. 32.)
- Diseases and Insect Pests of the Pecan. By J. Matz. (Florida Sta. Bul. 147, pp. 133-163, figs. 29.)
- Insects of a Citrus Grove. By J. R. Watson. (Florida Sta. Bul. 148, pp. 165-267, figs. 69.)
- Report, 1917. By P. H. Rolfs. (Florida Sta. Rpt. 1917, pp. 102-XI, figs. 15.)
- Soils of Latah County, Idaho. By P. F. Peterson. (Idaho Sta. Bul. 107, pp. 21, figs. 6.)
- Tested Forest Trees for Planting in Idaho. By F. G. Miller. (Idaho Sta. Circ. 5, pp. 4.)
- Field Experiments in Spraying Apple Orchards in 1913 and 1914. By B. S. Pickett, O. S. Watkins, W. A. Ruth, and A. J. Gunderson. (Illinois Sta. Bul. 206, pp. 427-509, figs. 6.)

- Field Experiments in Spraying Apple Orchards in 1913 and 1914. (Illinois Sta. Bul. 206, Abs., pp. 4.)
- Climate of Illinois. By J. G. Mosier. (Illinois Sta. Bul. 208, Abs., pp. 8, fig. 1.)
- Fertilizing Constituents Excreted by Two-year-old Steers. By H. S. Grindley, H. W. Munford, A. D. Emmett, and S. Bull. (Illinois Sta. Bul. 209, pp. 127-162.)
- Field Investigations of Forage Poisoning in Cattle and Horses. By H. P. Rusk and H. S. Grindley. (Illinois Sta. Bul. 210, pp. 161-176, figs. 4.)
- Necrobacillosis in Swine. By R. Graham. (Illinois Sta. Circ. 222, pp. 12, figs. 9.)
- Sources of Fertilizing Materials for Illinois Farms. By C. G. Hopkins and F. C. Bauer. (Illinois Sta. Circ. 223, pp. 8, fig. 1.)
- Care of the Garden in Hot Weather. By J. W. Lloyd. (Illinois Sta. Circ. 224, pp. 4.)
- Control of Cabbage Worms. By H. D. Brown. (Illinois Sta. Circ. 226, pp. 4.)
- Commercial Feeds Registered for Sale in Indiana, May 1, 1918. By E. G. Proulx, J. H. Roop, H. J. Nimitz, Mary J. Minton, P. B. Curtis, and C. S. Roberts. (Indiana Sta. Bul. 216, pp. 163, fig. 1.)
- Plums and Cherries. By J. Oskamp. (Indiana Sta. Bul. 212, pp. 12, figs. 8.)
- Squirrel Tail Grass or Wild Barley. By L. H. Pammel. (Iowa Sta. Circ. 52, pp. 2, fig. 1.)
- Another Strain of Puccinia graminis. By L. E. Melchers and J. H. Parker. (Kansas Sta. Circ. 68, pp. 4.)
- The Deterioration of Cane Sugars in Storage: Its Causes and Suggested Measures for Its Control. By W. L. Owen. (Louisiana Sta. Bul. 162, pp. 121.)
- Physiological Basis for the Preparation of Potatoes for Seed. By C. O. Appleman. (Maryland Sta. Bul. 212, pp. 79-103, figs. 11.)
- The Control of House Flies by the Maggot Trap. By E. N. Cory. (Maryland Sta. Bul. 213, pp. 103-126, figs. 12.)
- Tests of an "All Crops Soil" Inoculum. By P. Emerson. (Maryland Sta. Bul. 214, pp. 127-149, figs. 5.)
- Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and G. A. Smith. (Massachusetts Sta. Met. Bul. 354, pp. 4.)
- Report of Northeast Demonstration Farm and Experiment Station, Duluth, 1917. By M. J. Thompson. (Minnesota Sta., Rpt. Northeast Demonstration Farm and Experiment Sta. 1917, pp. 15.)

- Report of West Central Substation, Morris, 1916. (Minnesota Sta., Rpt. West Central Substation 1916, pp. 24, figs. 3.)
- Meat Scrap and Sour Milk for Egg Production. By H. L. Kempster and G. W. Hervey. (Missouri Sta. Bul. 155, pp. 16, figs. 4.)
- Growing Pigs in Summer. By W. P. Snyder. (Nebraska Sta. Bul. 165, pp. 16.)
- The Strawberry Weevil. By T. J. Headlee. (New Jersey Stas. Bul. 324, pp. 19, figs. 11.)
- Common Diseases of Berries. By M. T. Cook. (New Jersey Stas. Circ. 88, pp. 11, figs. 7.)
- Common Diseases of Garden Vegetables and Truck Crops. By M. T. Cook. (New Jersey Stas. Circ. 89, pp. 22, figs. 13.)
- The Bean Weevils. By T. J. Headlee. (New Jersey Stas. Circ. 91, pp. 6, figs. 4.)
- Seed and Soil Treatment for the Control of Potato Scab. By H. C. Lint. (New Jersey Stas. Circ. 95, pp. 4, fig. 1.)
- Leaf Blight of the Tomato. By M. T. Cook and W. H. Martin. (New Jersey Stas. Circ. 96, pp. 4, fig. 1.)
- Lysimeter Experiments. By T. L. Lyon and J. A. Bizzell. (New York Cornell Sta. Mem. 12, pp. 115, pls. 4, figs. 9.)
- A Monograph on Trembles or Milk Sickness and White Snakeroot. By F. A. Wolf, R. S. Curtis, and B. F. Kaupp. (North Carolina Sta. Tech. Bul. 15, pp. 74, pls. 10.)
- Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo. Bul., 3 (1918), No. 7, pp. 197-226, figs. 11.)
- The Bat Guanos of Porto Rico and Their Fertilizing Value. By P. L. Gile and J. O. Carrero. (Porto Rico Sta. Bul. 25, pp. 66.)
- Irish Potato Breeding. By C. C. Newman and L. H. Leonian. (South Carolina Sta. Bul. 195, pp. 28, figs. 19.)
- Analyses of Feeding Stuffs. By P. H. Wessels and G. E. Merkle. (Rhode Island Sta. Insp. Bul., May, 1918, pp. 12.)
- A Chemical Process of Peeling Peaches. By C. C. Newman and B. Freeman. (South Carolina Sta. Bul. 196, pp. 8, figs. 5.)
- Twenty-ninth Annual Report, 1916. (Texas Sta. Rpt. 1916, pp. 31.)
- Seed Potato Experiments and Variety Studies. By T. C. Johnson and J. T. Rosa, Jr. (Virginia Truck Sta. Bul. 24, pp. 507-523.)
- Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Sta. Mo. Bul., 6(1918), No. 4, pp. 45-60, fig. 1.)
- Farm Making in Upper Wisconsin. By B. G. Packer and E. J. Delwiche. (Wisconsin Sta. Bul. 290, pp. 71, figs. 43.)

UNITED STATES DEPARTMENT OF AGRICULTURE,
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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF

EXPERIMENT STATIONS DURING AUGUST, 1918.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

The Development of Soluble Manganese in Acid Soils as Influenced by Certain Nitrogenous Fertilizers. By M. J. Funchess. (Alabama College Sta. Bul. 201, tech., pp. 35, pls. 12.)

Growing Soy Beans in Alabama. By E. F. Cauthen. (Alabama College Sta. Bul. 202, pp. 79-84.)

The Destruction of Vanillin in the Soil by the Action of Soil Bacteria. By W. J. Robbins and A. E. Elizando. (Alabama College Sta. Bul. 204, tech., pp. 123-131.)

Twenty-seventh Annual Report, 1916. (Arizona Sta. Rpt. 1916, pp. 233-320, figs. 5.)

The Effect of Cross-pollination on Size, Color, Shape, and Quality of the Apple. By W. H. Wicks. (Arkansas Sta. Bul. 143, tech., pp. 21, pls. 9.)

The Round-headed Apple-tree Borer, Sanerda candida. By G. G. Becker. (Arkansas Sta. Bul. 146, tech., pp. 93, pl. 1, figs. 70.)

Arkansas Peach Diseases. By J. A. Elliott. (Arkansas Sta. Bul. 149, pp. 14, figs. 23.)

Cotton Spacing Experiments. By W. E. Ayres. (Arkansas Sta. Bul. 153, pp. 8.)

Peat as a Manure Substitute. By J. S. Burd. (California Sta. Circ. 203, pp. 10.)

Irrigation by Means of Underground Porous Pipe. By E. B. House. (Colorado Sta. Bul. 240, pp. 15, figs. 9.)

A New Poisonous Plant: The Whorled Milkweed (Asclepias verticillata). By G. H. Glover, I. E. Newsom, and W. W. Robbins. (Colorado Sta. Bul. 246, pp. 16, figs. 13.)

Seventeenth Report of the State Entomologist for 1917. By W. E. Britton. (Connecticut State Sta. Bul. 203, pp. 227-370, pls. 32, figs. 4.)

Fertilizer Report for 1917. By E. H. Jenkins and J. P. Street. (Connecticut State Sta. Bul. 204, pp. 371-422.)

Beekeeping for Connecticut. By A. W. Yates. (Connecticut State Bul. 205, pp. 423-446, pls. 4, figs. 20.)

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The Fertilizing Constituents Excreted by Two-year-old Steers. By H. S. Grindley, H. W. Mumford, A. D. Emmett, and S. Bull. (Illinois Sta. Bul. 209, abs., pp. 8.)

Selection and Storage of Seed Corn. By W. L. Burlison and E. A. White. (Illinois Sta. Circ. 225, pp. 16, figs. 14.)

Control of Plant Lice in the Vegetable Garden. By H. D. Brown. (Illinois Sta. Circ. 227, pp. 4, fig. 1.)

Thirtieth Annual Report, 1917. By E. Davenport. (Illinois Sta. Rpt. 1917, pp. 20.)

A Successful Iowa-Shed Roof Poultry House. By G. M. Turpin and M. F. P. Costelloe. (Iowa Sta. Bul. 176, pp. 173-184, figs. 7.)

The "Alkali" Soils of Iowa. By R. L. Bancroft. (Iowa Sta. Bul. 177, pp. 185-208, figs. 13.)

Factors Which Influence the Yield and Consistency of Ice Cream. By M. Mortensen. (Iowa Sta. Bul. 180, pp. 257-263, figs. 2.)

Effects of Certain Alkali Salts on Ammonification. By P. E. Brown and D. R. Johnson. (Iowa Sta. Research Bul. 44, pp. 24, figs. 4.)

Composition and Digestibility of Sudan Grass Hay. By W. G. Gaessler and A. C. McCandlish. (Iowa Station Research Bul. 46, pp. 65-75.)

Broom Corn Production in Iowa. By C. McKee. (Iowa Sta. Circ. 49, pp. 3.)

Growing Wheat in Kansas. By L. E. Call and S. C. Salmon. (Kansas Sta. Bul. 219, pp. 51, figs. 11.)

Eastern Aphids.--A Few Species of Prociphilus. By Edith M. Patch. (Maine Sta. Bul. 270, pp. 43-100, pls. 2.)

Apple Spraying Experiments in 1916 and 1917. By W. J. Morse. (Maine Sta. Bul. 271, pp. 99-128.)

Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and G. A. Smith. (Massachusetts Sta. Met. Bul. 355, pp. 4.)

Key to Orthoptera of Michigan with Annotations. By R. H. Pettit and Eugenia McDaniel. (Michigan Sta. Spec. Bul. 83, pp. 48, figs. 73.)

The Farmers' Beef Club. By P. F. Trowbridge. (Missouri Sta. Circ. 85, pp. 32, figs. 37.)

The Cost of Growing Wheat on Typical Non-irrigated Areas in Montana. By E. L. Currier. (Montana Sta. Bul. 122, pp. 141-161.)

The Cause and Prevention of Hairless Pigs. By H. Welch. (Montana Sta. Circ. 71, pp. 37-47, figs. 9.)

Poultry Houses. By W. F. Schoppe. (Montana Sta. Circ. 72, pp. 49-69, figs. 11.)

- A Seed Plot Method of Potato Improvement. By O. B. Whipple. (Montana Sta. Circ. 73, pp. 71-77.)
- Natural Incubation and Brooding. By W. F. Schoppe. (Montana Sta. Circ. 74, pp. 79-86, figs. 3.)
- The Home Garden. By C. C. Starring. (Montana Sta. Circ. 75, pp. 87-118.)
- Grasshopper Control in Montana. By R. A. Cooley, J. R. Parker, and H. L. Seamans. (Montana Sta. Circ. 76, pp. 119-147, figs. 16.)
- Feeding Lambs in the Fall. By H. J. Gramlich. (Nebraska Sta. Bul. 167, pp. 16.)
- The Parasitic Fungi of New Jersey. By C. A. Schwarze. (New Jersey Stas. Bul. 313, pp. 226, figs. 1056.)
- Influence of Lime upon the Yield of Dry Matter and Nitrogen Content of Alfalfa. By J. G. Lipman and A. W. Blair. (New Jersey Stas. Bul. 316, pp. 13.)
- Report of the Director for 1917. By J. G. Lipman. (New Jersey Stas. Bul. 317, pp. 55.)
- A Study of Physiological Balance for Buckwheat Grown in Three Salt Solutions. By J. W. Shive. (New Jersey Stas. Bul. 319, pp. 63, figs. 13.)
- Results of Seed Inspection, 1917. By J. P. Helyar. (New Jersey Stas. Bul. 322, pp. 36.)
- Eliminate the Slacker Hen. By V. G. Aubry. (New Jersey Stas. Hints to Poultrymen, 6 (1913), No. 10, pp. 4.)
- Thirty-seventh Annual Report, 1916. (New Jersey Stas. Rpt. 1916, pp. XXVIII + 626, pls. 38, figs. 30.)
- Wheat. By R. L. Stewart. (New Mexico Sta. Bul. 109, pp. 29, pls. 3.)
- Special Bulletin Food Department. (North Dakota Sta. Spec. Food Bul., 5 (1918), No. 4, pp. 75-90.)
- County Experiment Farms in Ohio.--I, The Miami County Experiment Farm. (Ohio Sta. Bul. 323, pp. 249-280, figs. 4.)
- County Experiment Farms in Ohio.--II, Paulding County Experiment Farm. (Ohio Sta. Bul. 323, pp. 281-310, figs. 3.)
- County Experiment Farms in Ohio.--III, The Clermont County Experiment Farm. (Ohio Sta. Bul. 323, pp. 311-342, figs. 6.)
- County Experiment Farms in Ohio.--IV, The Hamilton County Experiment Farm. (Ohio Sta. Bul. 323, pp. 343-372, figs. 4.)
- County Experiment Farms in Ohio.--V, The Washington County Experiment Farm. (Ohio Sta. Bul. 323, pp. 373-409, figs. 3.)

County Experiment Farms in Ohio.--VI, The Trumbull County Experiment Farm.
(Ohio Sta. Bul. 323, pp. 411-433, figs. 1.)

Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo.
Bul., 3 (1918), No. 8, pp. 227-257, figs. 10.)

The Chicken Tick (Argas miniatus). By C. E. Sanborn and H. R. Painter. (Ok-
lahoma Sta. Bul. 118, pp. 8, figs. 7.)

The Western Newt or Water-dog (Notophthalmus torosus), a Natural Enemy of
Mosquitoes. By A. C. Chandler. (Oregon Sta. Bul. 152, pp. 24, figs. 6.)

Preliminary Report of Pear Harvesting and Storage Investigations in Rogue
River Valley. By C. I. Lewis, J. R. Magness, and C. C. Cate. (Oregon
Sta. Bul. 154, pp. 24.)

Cooperative Soft Pork Investigations. By P. V. Ewing, R. M. Green, L. B.
Burk, and L. H. Wright. (Texas Sta. Bul. 226, pp. 18, figs. 5.)

Studies on the Harlequin Bug. By F. B. Paddock. Texas Sta. Bul. 227, pp.
65, pls. 5, figs. 4.)

Influence of Peanut Meal on Quality of Pork. By L. B. Burk. (Texas Sta. Bul.
228, pp. 18, figs. 8.)

Wintering Dairy Heifers. By R. E. Hunt. (Virginia Sta. Bul. 219, pp. 20,
figs. 7.)

Preparation and Use of Pure Cultures for Legume Inoculation. By C. A. Magoon
and B. F. Dana. (Washington Sta. Bul. 149, pp. 16.)

Price-fixing and the Cost of Farm Products. By H. C. Taylor. (Wisconsin
Sta. Bul. 292, pp. 16, fig. 1.)

Wisconsin's Hemp Industry. By A. H. Wright. (Wisconsin Sta. Bul. 293, pp.
46, figs. 22.)

UNITED STATES DEPARTMENT OF AGRICULTURE,
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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING SEPTEMBER, 1918.

NOTE.-- The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

The Almond in California. By R.H. Taylor. (California Sta. Bul. 297, pp. 72, figs. 38.)

Blackleg, with New Methods for Its Prevention and Treatment. By G.H. Hart. (California Sta. Circ. 205, pp. 8, fig. 1.)

Report on Commercial Feeding Stuffs, 1917. By E.M. Bailey. Index [To Conn. State Sta. Rpt. 1917.] and Reports of Board of Control and Treasurer. (Connecticut State Sta. Bul. 206, pp. 447-510 XVI.)

Some Diseases of the Fig. By J. Matz. (Florida Sta. Bul. 149, pp. 10, figs. 5.)

Apple-bud Selection. - - Apple Seedlings from Selected Trees. By C.S. Crandall. (Illinois Sta. Bul. 211, pp. 179-264, figs. 43.)

Smuts of Small Grains. By W.L. Burlison and G.H. Dungan. (Illinois Sta. Circ. 228, pp. 7, figs. 5.)

Illinois Wheat Yields with Nature's Fertilizers. By C.G. Hopkins et al. (Illinois Sta. Circ. 229, pp. 2.)

Storage of Vegetables for Winter Use. By J.W. Lloyd. (Illinois Sta. Circ. 231, pp. 4.)

Commercial Fertilizers. E.G. Proulx et al. (Indiana Sta. Bul. 215, pp. 102, figs. 2.)

Fourth Annual Report of the Creamery License Division for the year ending March 31, 1918. By R.E. Caldwell and T.H. Broughton. (Indiana Sta. Circ. 81, pp. 44, figs 3.)

The Control of Three Important Wheat Pests in Indiana. By J.J. Davis. (Indiana Sta. Circ. 82, pp. 11, figs 6.)

Publications of the Experiment Station Available for Distribution. (Indiana Sta. Circ. 83, pp. 16, figs. 17.)

Fertilizing and Cultural Experiments with Irish Potatoes. By T.H. White. (Maryland Sta. Bul. 215, pp. 151-176.)

- Conditions Detrimental to Seed Production. By J.B.S. Norton and C.E. Leathers. (Maryland Sta. Bul. 216, pp. 175-228.)
- Rose Canker and Its Control. By P.J. Anderson. (Massachusetts Sta. Bul. 183, pp. 7, pls. 3, figs. 11.)
- Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J.E. Ostrander and G.A. Smith. (Massachusetts Sta. Met. Bul. 356, pp. 4.)
- Chopped Alfalfa v. Bran in Grain Ration for Dairy Cows. By W.P. Snyder and E.A. Burnett. (Nebraska Sta. Bul. 164, pp. 11, fig. 1.)
- Sugar-saving Substitutes in Ice Cream. By J.H. Frandsen, J.W. Rovner, and J. Luithly. (Nebraska Sta. Bul. 168, pp. 8.)
- Studies Concerning the Elimination of Experimental Error in Comparative Crop Tests. By T.A. Kiesselbach. (Nebraska Sta. Bul. 13, pp. 95, figs. 22.)
- One-night Camps v. Established Bed-grounds on Nevada Sheep Ranges. By C.E. Fleming. (Nevada Sta. Bul. 94, pp. 21, figs. 9.)
- Range Plants Poisonous to Sheep and Cattle in Nevada. By C.E. Fleming. (Nevada Sta. Bul. 95, pp. 51, pls. 6, figs, 23.)
- The Back Yard Poultry Flock. By H.R. Lewis. (New Jersey Stas. Hints to Poultrymen, 6 (1918), No. 11, pp. 4, fig. 1.)
- The Possibilities of a Farm Flock in War Time. By V.C. Aubry. (New Jersey Stas. Hints to Poultrymen, 6 (1918), No. 12, pp. 4.)
- Climate in relation to Crop Adaptation in New Mexico. By C.E. Linney and F. Garcia. (New Mexico Sta. Bul. 113, pp. 132, figs. 4.)
- Demand of Army Camps for Farm Products. By W.R. Camp. (North Carolina Sta. Farmers' Market Bul., 5 (1918), No. 24, pp. 8.)
- County Experiment Farms in Ohio.- - VII, The Mahoning County Experiment Farm. Second and Third Annual Reports, for 1916 and 1917. (Ohio Sta. Bul. 323, pp. 435-454, figs.4.)
- County Experiment Farms in Ohio.- - VIII, The Belmont County Experiment Farm. First Annual Report, for 1917. (Ohio Sta. Bul. 323, pp. 455-468, figs. 2.)
- County Experiment Farms in Ohio.- - IX, The Madison County Experiment Farm. First Annual Report, for 1917. (Ohio Sta. Bul. 323, pp. 469-481, fig.1.)
- County Experiment Farms in Ohio, Annual Reports for 1916 and 1917. (Ohio Sta. Bul. 323, pp. 241-486, figs. 29.) Includes pts. 1-9, also introduction (pp. 241-248) and appendix (483-486).
- Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo. Bul., 3 (1918), No. 9, pp. 257-287, figs. 9.)
- Thirtieth Annual Report of the Director of the Agricultural Experiment Station, B.L. Hartwell. (Bulletin of Rhode Island State Col., 13 (1918), No. 4, pp. 75-82)

Injurious Corn Insects. By H.C. Severin. (South Dakota Sta. Bul. 178, pp. 778-813, figs. 16.)

Emmer in South Dakota..By M. Champlin and J.D. Morrison. (South Dakota Sta. Bul. 179, pp. 812-822.)

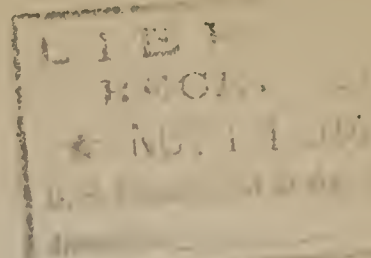
Composition of the Irrigation Waters of Utah. By J.E. Greaves and C.T. Hirst. (Utah Sta. Bul. 163, pp. 43, figs. 11.)

Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Sta. Mo. Bul., 6 (1918) No. 5, pp. 61-76, figs.3.)

Monthly Bulletin of the Western Washington Experiment Station, Puyallup , Wash. (Western Washington Sta. Mo. Bul., 6 (1918) No. 6, pp. 77-87, figs.4.)

Serving Wisconsin Farmers in War Time. By H.L. Russell and K.L. Hatch. (Wisconsin Sta. Bul. 294, pp. 32, figs. 19.)

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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
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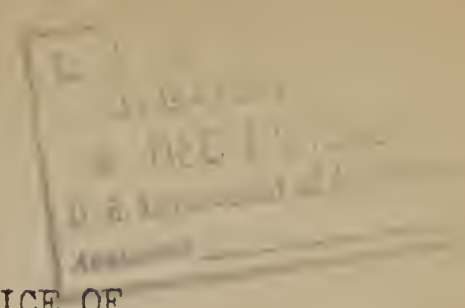
NOTE. -- The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

- Immunity of Suckling Pigs to Hog Cholera. By C.L. McArthur. (Arkansas Sta. Bul. 151, pp. 22.)
- Control of Wheat and Oat Smuts. By J.A. Elliott. (Arkansas Sta. Circ. 43, pp. 4, fig. 1.)
- Control of the Round-headed Apple-tree Borer. By G.G. Becker. (Arkansas Sta. Circ. 42, pp. 4, figs. 3.)
- Varieties of Cotton. -- Summary 1909-1917. By W.E. Ayres. (Arkansas Sta. Circ. 44, pp. 4.)
- The Seedless Raisin Grapes. By F.T. Bioletti. (California Sta. Bul. 298, pp. 73-86.)
- The Use of Lumber on California Farms. By M.B. Pratt. (California Sta. Bul. 299, pp. 87-121, figs. 10.)
- Colorado Climatology. By R.E. Trimble. (Colorado Sta. Bul. 245, pp. 64.)
- Drying and Serving Fruits and Vegetables in the Home. By C.C. Vincent and Jessie M. Hoover. (Idaho Sta. Bul. 110, pp. 28, figs. 17.)
- Power Farming in Idaho. By J.C. Wooley. (Idaho Sta. Bul. 111, pp. 14, figs. 4.)
- Fall Preparations for Spring Gardening. By J.W. Lloyd. (Illinois Sta. Circ. 232, pp. 4, fig. 1.)
- The Nesting Habits of the Hen. By G.M. Turpin. (Iowa Sta. Bul. 178, pp. 209-232, figs. 6.)
- The Strawberry Leaf-roller (Ancylis comptana). By R.L. Webster. (Iowa Sta. Bul. 179, abridged ed. pp. 4, figs. 4.)
- Rearing Dairy Calves. By L.S. Gillette, A.C. McCandlish, and C.H. Stange. (Iowa Sta. Circ. 50, pp. 16, figs. 5.)
- Soil Surveys, Field Experiments, and Soil Management in Iowa. By W.H. Stevenson and P.E. Brown. (Iowa Sta. Circ. 51, pp. 23, fig. 1.)
- Grow more Rape. By J.M. Evvard and W.R. Hechler. (Iowa Sta. Circ. 53, pp. 12, figs. 5.)

- Soil Fertility. By L.E. Call and R.I. Throckmorton. (Kansas Sta. Bul. 220, pp. 40, figs. 11.)
- Contagious Abortion of Cattle. (Kansas Sta. Circ. 69, pp. 16.)
- Commercial Fertilizers. By H.E. Curtis, W. Rodes, and O.S. Lee. (Kentucky Sta. Bul. 214, pp. 335-438.)
- Profitable Dairy-farm Organization in Kentucky. By W.D. Nicholls and J.B. Hutson. (Kentucky Sta. Bul. 217, pp. 95-146, figs. 9.)
- Delayed Ripening of Tomatoes Caused by Spraying with Bordeaux Mixture. By C.W. Edgerton. (Louisiana Sta. Bul. 164, pp. 16, figs. 4.)
- The Relation of Milk Yield to Age at First Calf. By R.C. Towles. (Maryland Sta. Bul. 217, pp. 225-238.)
- Report of Nut Tree Investigations in Maryland. By E.S. Johnston. (Maryland Sta. Bul. 218, pp. 237-265, figs. 2.)
- The Revised Agricultural Seed Law. By C.P. Smith. (Maryland Sta. Bul. 219, pp. 9.)
- Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J.E. Ostrander and E.M. Buffum. (Massachusetts Sta. Met. Bul. 357, pp. 4.)
- The Soils of Missouri. By M.F. Miller and H.H. Krusekopf. (Missouri Sta. Bul. 153, pp. 130, figs. 59, map 1.)
- Crown-gall Injury in the Orchard. By D.B. Swingle and H.E. Morris. (Montana Sta. Bul. 121, pp. 121-139, figs. 6.)
- Results of Seed Tests for 1917. By F.W. Taylor and F.S. Prince. (New Hampshire Sta. Bul. 186, pp. 19.)
- The High Calcium Content of Some Cucurbit Vines. By L.K. Wilkins. (New Jersey Stas. Bul. 310, pp. 20.)
- Seasonable Facts of Special Interest to Poultrymen. By H.R. Lewis. (New Jersey Stas. Hints to Poultrymen, 7 (1918), No. 1, pp. 4.)
- La Cebolla, El Ajo Y La Espinaca. By F. Garcia. (New Mexico Sta. Bul. 115, pp. 26, figs. 9.)
- Chlorophyll Inheritance in Maize. By E.W. Lindstrom. (New York Cornell Sta. Memoir 13, pp. 68, pls. 5.)
- Stimulation of Root Growth in Cuttings by Treatment with Chemical Compounds. By O.F. Curtis. (New York Cornell Sta. Memoir 14, pp. 69-138, figs. 8.)
- Pork Production in North Dakota. By W.H. Peters and D.J. Geiken. (North Dakota Sta. Bul. 127, pp. 253-278, figs. 13.)
- Special Bulletin Food Department. (North Dakota Sta. Spec. Food Bul. 5 (1918) No. 3, pp. 37-73, figs. 3.)
- Ohio Weather for 1917. By W.H. Alexander and C.A. Patton. (Ohio Sta. Bul. 324, pp. 485-576, figs. 63.)

- Second Annual Report for the Year 1917 by the Oklahoma State Live Stock Registry Board. (Oklahoma Sta. Circ. 44, pp. 117, figs. 7.)
- Twenty-Sixth Annual Report, 1917. (Oklahoma Sta. Rpt. (1917), pp. 40, fig. 1.)
- The Use of Pepsin as a Rennet Substitute in Cheddar Cheesemaking. By P.S. Lucas. (Oregon Sta. Bul. 155, pp. 15, fig. 1.)
- Report of the Porto Rico Agricultural Experiment Station, 1917. (Porto Rico Sta. Report, 1917, pp. 40, pls. 4.)
- Analyses of Commercial Fertilizers. By R.N. Brackett and H.M. Stackhouse. (South Carolina Sta. Bul. 197, pp. 62.)
- The Sheep. By J.W. Wilson and B.L. Thompson. (South Dakota Sta. Bul. 177, pp. 764-778, figs. 3.)
- Root Crop Culture in South Dakota. (South Dakota Sta. Bul. 180, pp. 822-853, figs. 21.)
- Corn Culture in South Dakota. (South Dakota Sta. Bul. 181, pp. 850-911, figs. 34.)
- Coconut Meal y. Cottonseed Meal for Dairy Cows. By P.V. Ewing, and E.R. Spence. (Texas Sta. Bul. 225, pp. 9.)
- The Texas Foul Brood Law. By F.B. Paddock. (Texas Sta. Circ. B, pp. 13.)
- Feeding Farm Animals. By W.E. Carroll. (Utah Sta. Circ. 32, pp. 23.)
- The Stinking Smut of Wheat. By F.D. Heald. (Washington Sta. Pop. Bul. 115, pp. 14, fig. 1.)
- Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Sta. Mo. Bul. 6 (1918), No. 7, pp. 89-104.)
- Getting Rid of the Stumps. (Wisconsin Sta. Bul. 295, pp. 32, figs. 30.)

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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF

EXPERIMENT STATIONS DURING NOVEMBER, 1918.

NOTE. - - The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Variety Tests of Wheat. By E. F. Cauthen. (Alabama Sta. Bul. 205, pp. 133-142.)

How to Make Sweet Potato Flour, Starch, Sugar Bread and Mock Cocoanut. By G.W. Carver (Alabama Tuskegee Sta. Bul. 37, pp. 6.)

The Peach-tree Borer (Sanninoidea exitiosa, Say.) By G.G. Becker. (Arkansas Sta. Bul. 150, pp. 32, pls. 2, fig. 1.)

The Apple Wooly Aphis. By G.G. Becker. (Arkansas Sta. Bul. 154, pp. 22, figs. 2, pls. 5.)

The Identification of Acids of Agricultural Products. By J.B. Rather and E.E. Reid. (Arkansas Sta. Bul. 156, pp. 32.)

A Study of Colorado Wheat: A Resume of Bulletins Nos. 205, 208, 217, 219, 237, and 244. By W.P. Headden. (Colorado Sta. Bul. 247, pp. 15.)

Florida Citrus Diseases. By H.E. Stevens. (Florida Sta. Bul. 150, pp. 13-110, figs. 49.)

The Round Barn (Revision of Bulletin No. 143). By Wilber J. Fraser. (Illinois Sta. Circ. 230, pp. 52, figs. 52.)

Commercial Feeding Stuffs. By E.G. Proulx, et al. (Indiana Sta. Bul. 217, pp. 152, fig. 1.)

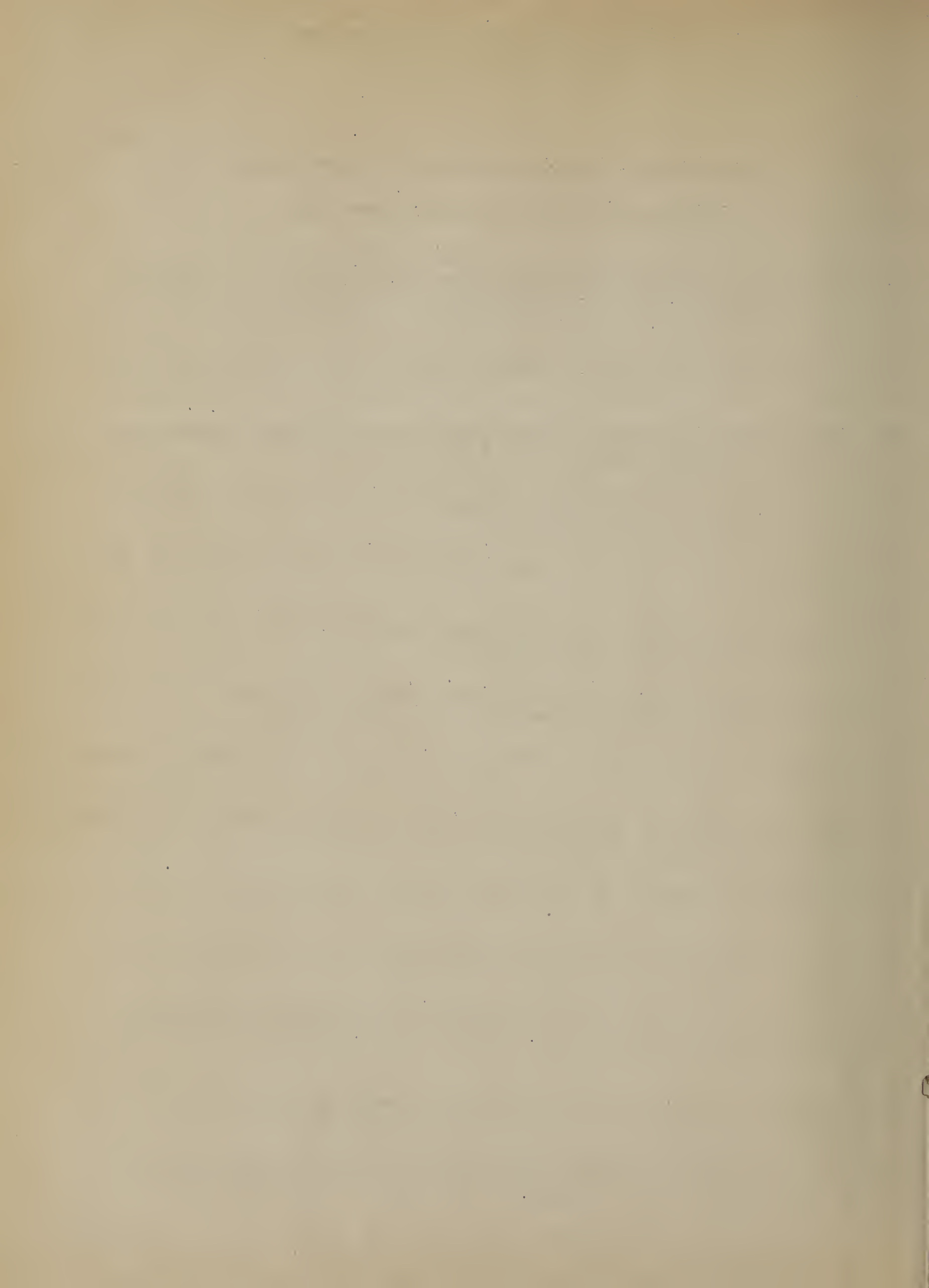
The Value of Skim-Milk and Meat Scraps for White Plymouth Rocks. By A.G. Philips. (Indiana Sta. Bul. 218, pp. 20, figs. 4.)

Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J.E. Ostrander and H. Berran. (Massachusetts Sta. Met. Bul. 358, pp. 4.)

Soil Solution as an Index of the Biological Changes in the Soil. By J. F. Morgan. (Michigan Sta. Tech. Bul. 39, pp. 24, figs. 6.)

Relationship Between the Unfree Water and the Heat of Wetting of Soils and Its Significance. By G.J. Bouyoucos. (Michigan Sta. Tech. Bul. 42, pp. 23.)

Quarterly Bulletin of the Michigan Experiment Station. (Michigan Sta. Quarterly Bul. 1 (1918), No. 1, pp. 40, figs. 7.)



The Cherry Leaf-Bettle. By F.Z. Hartzell. (New York State Sta. Bul. 444, pp. 745-820, pls. 8, figs. 8.)

Director's Report for 1917. By W.H. Jordan. (New York State Sta. Bul. 445, pp. 819-844.)

The Peach Tree Borer. By H.A. Gossard and J.L. King. (Ohio Sta. Bul. 329, pp. 55-87, figs. 15.)

Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo. Bul., 3 (1918), No. 10, pp. 289-318, figs. 10.)

Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Sta. Mo. Bul., 3 (1918), No. 11, pp. 319-349, figs. 9.)

Report of Experiments on Immunizing Against Hog Cholera. By L.L. Lewis and C.H. McElroy. (Oklahoma Sta. Bul. 119, pp. 15.)

Vegetation and Reproduction with Special Reference to the Tomato. By E.J. Kraus and H.R. Kraybill. (Oregon Sta. Bul. 149, pp. 90, figs. 22.)

The Life-History and Control of the Pocket Gopher in the Willamette Valley. By H.M. Wight. (Oregon Sta. Bul. 153, pp. 55, figs. 20.)

Factors Affecting the Depth of Sowing Various Crops. By F.S. Harris and H.J. Maughan. (Utah Sta. Bul. 164, pp. 18, figs. 12.)

A Method of Feeding Orphan Lambs. By W.E. Carroll. (Utah Sta. Circ. 33, pp. 8, figs. 5.)

Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Sta. Mo. Bul., 6(1918), No. 8, pp. 105-120, figs. 5.)

Hairless Pigs.-- The Cause and Remedy. By E.B. Hart and H. Steenbock. (Wisconsin Sta. Bul. 297, pp. 11, figs. 6.)

UNITED STATES DEPARTMENT OF AGRICULTURE,
STATES RELATIONS SERVICE,
A.C. TRUE, DIRECTOR.

JAN 22 1919
U. S. DEPARTMENT OF AGRICULTURE

LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE
OF EXPERIMENT STATIONS DURING DECEMBER, 1918.

NOTE.--The Station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the Stations issuing them. An address list of the Stations will be furnished upon request.

Home Storage of Vegetables. By J.R. Cooper. (Arkansas Sta. Circ. 46, pp. 4.)

Commercial Fertilizers. By P.L. Hibbard. (California Sta. Bul. 300, pp. 123-152.)

California State Dairy Cow Competition, 1916-1918. By F.W. Woll. (California Sta. Bul. 301, pp. 153-204, figs. 20.)

Control of Ground Squirrels by the Fumigation Method. By G.R. Stewart and J.S. Burd. (California Sta. Bul. 302, pp. 205-224, figs. 3.)

Report of the Guam Agricultural Experiment Station, 1917. (Guam Sta. Rpt. 1917, pp. 62, pls. 7, figs. 14.)

A Preliminary Report on the Clover Aphis and Methods for its Control. By R.H. Smith. (Idaho Sta. Bul. 112, pp. 15, figs. 5.)

Housing Farm Poultry. By A.G. Philips. (Indiana Sta. Circ. 84, pp. 12, figs. 13.)

Baby Beef Production. By W.H. Pew and J.M. Evvard. (Iowa Sta. Bul. 181, pp. 289-311, figs. 4.)

Limiting the Grain Ration for Fattening Cattle. By W.H. Pew, J.M. Evvard, and R. Dunn. (Iowa Sta. Bul. 182, pp. 313-344, figs. 12.)

Fermented Milk. By B.W. Hammer and A.J. Hauser. (Iowa Sta. Circ. 54, pp. 4.)

Pottawattamie County Soils. By W.H. Stevenson, P.E. Brown, H.P. Hanson, and H. W. Reid. (Iowa Sta. Soil Survey Rpt. No. 2, pp. 54, pls. 2, figs. 12.)

Muscatine County. By W.H. Stevenson, P.E. Brown, and H.W. Johnson. (Iowa Sta. Soil Survey Rpt. No. 3, pp. 64, pl. 1, figs. 16.)

Annual Report, 1917. (Iowa Sta. Rpt., 1917, pp. 36.)

Director's Report, 1917. (Kansas Sta. Rpt., 1917, pp. 50.)

Inheritance Studies of Certain Color and Horn Characteristics in First Generation Crosses of Dairy and Beef Breeds. By J.W. Gowen. (Maine Sta. Bul. 272, pp. 127-148, figs. 4.)

- The Biology of Maine Species of *Altica*. By W.C. Woods. (Maine Sta. Bul. 273, pp. 147-204, pls. 2, figs., 4.)
- Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J.E. Ostrander and H. Berman. (Massachusetts Sta. Met. Bul. 359, pp. 4.)
- Cotton Experiments, 1917. By H.B. Brown and C.T. Ames. (Mississippi Sta. Bul. 184, pp. 28, figs. 2.)
- A Study of Certain Environmental Factors and Varietal Differences Influencing the Fruiting of Cotton. By E.C. Ewing. (Mississippi Sta. Bul. 8, pp. 93, figs. 40.)
- Milk Production Costs and Milk Prices. By R.M. Green, D.C. Wood, and A.C. Ragsdale. (Missouri Sta. Bul. 156, pp. 36, fig. 1.)
- Fertilizer Trials--Wentzville Experiment Field. By M.F. Miller and F.L. Duley. (Missouri Sta. Bul. 157, pp. 23, figs. 5.)
- Effect of Various Dressings on Pruning Wounds of Apple Trees. By D.H. Rose. (Missouri Fruit Sta. Circ. 10, pp. 4.)
- Spray Schedule for Grapes. By D.H. Rose. (Missouri Fruit Sta. Circ. 11, pp. 4.)
- Varieties of Apples for the Home Orchard. By F.W. Faurot. (Missouri Fruit Sta. Circ. 12, pp. 8.)
- Peaches, Plums, and Cherries for the Home Orchard. By F.W. Faurot. (Missouri Fruit Sta. Circ. 13, pp. 7.)
- Prices of Farm Products. By W.R. Camp. (North Carolina Sta. Farmers' Market Bul., 5(1918), No. 25, pp. 7.)
- Business Methods in Poultry Keeping. By V.G. Aubry. (New Jersey Stas. Hints to Poultrymen, 7(1918) No. 2, pp. 4.)
- Some Vital Problems of the Poultry Feeder. By H.R. Lewis. (New Jersey Stas. Hints to Poultrymen, 7(1918), No. 3, pp. 4.)
- Sudan Grass. By R.L. Stewart and L. Foster. (New Mexico Sta. Bul. 111, pp. 13, figs. 3.)
- Baby Beef. By L. Foster and E.J. Maynard. (New Mexico Sta. Bul. 112, pp. 15, figs. 6.)
- Range Cow Maintenance on Yucca and Sotol. By L. Foster and C.W. Humble. (New Mexico Sta. Bul. 114, pp. 27, figs. 9.)
- Control of Bacteria in Milking Machines. By F.H. Hall. (New York State Sta. Bul. 450, pp. 15, fig. 1.)
- Special Bulletin Food Department. (North Dakota Sta. Spec. Food Bul., 5(1918) No. 6, pp. 160, fig. 1.)
- Contagious Abortion Questions Answered. By F.B. Hadley. (Wisconsin Sta. Bul.

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296, pp. 36, figs.8.)

Thirty-Seventh Annual Report, 1918. (Ohio Sta.Bul. 325, pp. XXVI + 6, fig. 1.)

The Mineral Metabolism of the Milch Cow. By E.B. Forbes, J.O. Halverson, L.E. Morgan, et al. (Ohio Sta. Bul. 330, pp. 87-134.)

A Preliminary Report on Feeds for Fattening Pigs. By J.S. Malone. (Oklahoma Sta. Bul. 120, pp. 7.)

Labor Costs and Seasonal Distribution of Labor on Irrigated Crops in Utah Valley. By L.G. Connor. (Utah Sta. Bul. 165, pp. 24, figs. 4.)

Peanut Meal and Velvet Bean Meal for Fattening Swine. By H.E. Dvorachek and H.A. Sandhouse. (Arkansas Sta. Circ. 45, pp. 4.)

Willow

Willow